Student Drug Use Survey in the Alantic Provinces 2007

ATLANTIC TECHNICAL REPORT

NOVA SCOTIA
Health Promotion and Protection

New Nouveau Brunswick

Newfoundland Labrador

Prince Edward Island

DALHOUSIE UNIVERSITY
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Student Drug Use Survey in the Atlantic Provinces 2007

Atlantic Technical Report

Authors

Christiane Poulin, MD, MSc, FRCPC
Canada Research Chair in Population Health and Addictions

and

David Elliott, MD, MSc
Adjunct Assistant Professor

Department of Community Health and Epidemiology
Dalhousie University
Halifax, Nova Scotia

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Summary

The *Student Drug Use Survey in the Atlantic Provinces* is a collaborative initiative of Nova Scotia, New Brunswick, Newfoundland and Labrador and Prince Edward Island, and Dalhousie University. A total of 17,545 students in grades 7, 9, 10 and 12 in the four provinces participated in the 2007 survey.

The major finding of the survey was a decrease from 2002 to 2007 in the prevalence of cigarette smoking, cannabis use, psilocybin or mescaline use, and the use of non-medical amphetamine and methylphenidate. The survey revealed an increase in the prevalence of use of MDMA (ecstasy) in Nova Scotia and Newfoundland and Labrador, and essentially no change in the prevalence of use of alcohol and 7 other substances in the region.

In 2007, 43% of students in grades 7, 9, 10 and 12 indicated they had not used any of 13 substances mentioned in the survey. Alcohol, cannabis and cigarettes were the substances most commonly used by adolescent students. About 51% of students consumed alcohol in the year and, in the month before the survey, 27% of all students had five or more drinks at a sitting on at least one occasion. About 15% of students smoked cigarettes. About 29% of students used cannabis during the year, and in the month before the survey, 5% of students used cannabis daily.

The 2007 survey introduced the Atlantic Alcohol- and Drug-Risk Continua. Among students in grades 9 and higher, 19% had three or more alcohol problem indicators and 11% had three or more drug problem indicators. These groups are considered to be using substances in a high risk manner. Of note, 19% and 23% of all students rode with an alcohol- or cannabis-driver respectively, at least once during the year. About 23% of senior high school students with a driver's license drove a motor vehicle within an hour of using cannabis. In 2007, of the 35% of students in grades 9 or higher who had vaginal or anal sex during the year, 33% had unplanned sexual intercourse after alcohol or drug use, at least once during the year.

The 2007 survey revealed essentially no change in the student rate of participation in gambling for money (59%), and in the prevalence of at-risk gambling (2.7%) and problem gambling (1.4%). About 4% of students played on internet gambling sites for real money, and 25% of all students played on these sites for play money or points.

In 2007, 5% of all students were found to have very elevated depressive symptoms on a screening test. About 5% of all students were positive on a screening test for Attention Deficit/Hyperactivity Disorder (ADHD). Overall, 3% of students reported they were on methylphenidate (Ritalin® or Concerta®) or amphetamines as prescribed by their doctor. About 11% of students with a positive ADHD test indicated they were on prescribed stimulant medication. These three rates are essentially the same as were observed in 2002.

The *Student Drug Use Survey in the Atlantic Provinces* provides representative information about adolescent students in school. The survey is not representative of street or homeless youth, early school leavers and adolescents frequently absent from school.

The provincial Highlights Reports and recommendations arising from the survey are available on the Department of Health websites of the four Atlantic provinces.

Sommaire

Le *Sondage sur l'usage de l'alcool et des drogues auprès des élèves des provinces atlantiques* est un projet réalisé avec la collaboration de la Nouvelle-Écosse, du Nouveau-Brunswick, de Terre-Neuve et Labrador, de l'Île du Prince-Édouard, et de l'université Dalhousie. Au total, 17 545 élèves en 7ième, 9ième, 10ième et 12ième années ont participé au sondage de 2007.

La conclusion principale de cette récente enquête fut que, depuis l'année 2002, il y a eu une décroissance marquée de l'usage de la cigarette, du cannabis, et de la psilocybine ou la mescaline, ainsi que des amphétamines et du methylphénidate (Ritalin ® ou Concerta ®) sans ordonnance d'un médecin. L'enquête a également démontré une hausse de l'usage de la MDMA (l'ecstasy) en Nouvelle-Écosse et à Terre-Neuve et Labrador. Toutefois, il n'y a eu presque aucun changement quant à l'usage des sept autres substances mentionnées dans l'enquête.

En 2007, 43% des élèves en 7ième, 9ième, 10ième et 12ième années ont avoué n'avoir pris aucune des treize substances mentionnées dans l'enquête. L'alcool, le cannabis et le tabac furent les substances les plus souvent utilisées par les adolescent(e)s. Environ 51% des élèves ont consommé de l'alcool au cours de l'année. Pendant les 30 jours avant l'enquête, 27% des élèves ont pris cinq consommations ou plus d'alcool lors de la même occasion. Quinze pour cent des élèves ont fumé des cigarettes pendant l'année. Environ 29% des élèves ont consommé du cannabis au cours de l'année. Durant les 30 jours précédant l'enquête, 5% ont consommé du cannabis chaque jour.

Notre dépistage des problèmes reliés à la consommation de l'alcool a démontré que, parmi les élèves en 9ième, 10ième et 12ième années, 19% ont utilisé l'alcool de façon à les mettre à risque élevé. De plus, 11% des élèves en 9ième, 10ième et 12ième années ont utilisé des drogues de façon à les mettre à risque élevé. Environ 19% de tous les élèves ont été passager(ère)s dans un véhicule conduit par quelqu'un qui avait consommé de l'alcool, et 23% ont été passager(ère)s dans un véhicule conduit par quelqu'un qui avait consommé du cannabis. Environ 23% des élèves en 10ième et 12ième années qui possédaient un permis de conduire ont conduit un véhicule après avoir consommé du cannabis. Environ 35% des adolescent(e)s en 9ième, 10ième et 12ième années ont eu des relations sexuelles vaginales ou anales au cours de l'année. Parmi ces élèves, 33% ont eu des relations sexuelles non planifiées après avoir consommé de l'alcool ou des drogues.

Quant aux jeux de hasard, l'enquête de 2007 n'a démontré presque aucun changement depuis l'année 2002 en ce qui concerne la participation à ces jeux (59%), ni au jeu à risque (2,7%) ou au jeu pathologique (1,4%). Toujours en 2007, l'enquête a questionné les élèves sur leur participation à des jeux de hasard sur Internet. Environ 5% des adolescent(e)s ont joué sur ces sites pour de l'argent réel, et 26% ont joué sur ces sites pour des points et de la monnaie de compte.

Cette enquête a également conclut que 5% des élèves démontraient des symptômes de dépression très élevés selon un examen de dépistage. De plus, 5% des adolescent(e)s ont eu un résultat positif selon un test sur la déficience de l'attention. En général, 3% des

adolescent(e)s ont avoué qu'ils (elles) prenaient des amphétamines, ou du methlyphénidate par ordonnance d'un médecin. Parmi les élèves ayant un résultat positif pour la déficience de l'attention, 11% ont indiqué qu'ils (elles) prenaient des médicaments stimulants tels qu'ordonnés par leur médecin. Ces trois taux furent plus ou moins semblables à ceux constatés lors de l'enquête de l'année 2002.

Le *Sondage sur l'usage de l'alcool et des drogues auprès des élèves des provinces atlantiques* fournit des informations représentatives sur les adolescent(e)s qui fréquentent l'école. Il est à noter que les jeunes qui ont décroché de l'école, ou qui y sont souvent absents, ou qui sont sans abri, démontrent un risque plus élevé pour l'abus de l'alcool et de la drogue.

Vous pouvez visiter les sites Internet des provinces atlantiques pour obtenir le rapport individuel de chaque province ainsi que leurs recommandations découlant de cette enquête.

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Collaborators & Working Groups 2007 SDUSAP

Atlantic Working Group

Christiane Poulin
Co-Chair and Principal Investigator
Canada Research Chair in Population Health and Addictions
Department of Community Health and Epidemiology
Dalhousie University

Linda Van Til
Co-Chair
Provincial Epidemiologist
Population Health Division
Prince Edward Island Department of Health

Wanda McDonald, Manager
Prevention and Treatment Services
Addiction Services
Nova Scotia Department of Health Promotion and Protection

Barbara Whitenect, Director
Addiction and Mental Health Services
New Brunswick Department of Health

Renee Ryan
Addictions Consultant
Mental Health and Addictions Division
Newfoundland and Labrador Department of Health and Community Services

Nova Scotia Working Group

Wanda McDonald (Chair)
Dept of Health Promotion & Protection
Shaun Black
Addiction Treatment Prevention Services
Capital District Health Authority
Natalie Cochrane
Dept of Health Promotion & Protection
Glenna Emmett-Reashor
Choices, IWK Mental Health and Addictions
Everett Harris
Addiction Services
Cape Breton District Health Authority, Guysborough Antigonish Strait Health Authority
Todd Leader
Addiction Services
South Shore District Health Authority
Steve Machat
Dept of Health Promotion & Protection
Lynn MacNeil
Dept of Health Promotion & Protection
Barbara Miles
Dept of Health Promotion & Protection
Tara Newcombe
Addiction Services
Annapolis Valley Health Authority
Tom Payette
Addiction Prevention & Treatment Services, Capital District Health Authority
Greg Purvis
Addiction Services, Colchester/East Hants Health Authority, Cumberland Health Authority, Pictou County Health Authority
Cathy Smith
Addiction Services
South Shore District Health Authority
Lisa Tobin
Dept of Health Promotion & Protection
Dr. Bill Wood
Mental Health Services, Dawson Centre

New Brunswick Steering Committee

Dr. Christofer Balram (Co-Chair)
Provincial Epidemiology Service
Department of Health
Barbara Whitenect (Co-Chair)
Addiction and Mental Health Services
Department of Health
Adrienne Dean
Addiction and Mental Health Services
Department of Health
Yvette Doiron-Brun
Addiction and Mental Health Services
Department of Health
Bob Eckstein
Community and Correctional Services
Department of Public Safety
Dr. Kathryn MacCullam
Regional Addiction Services
River Valley Regional Health Authority
Bruce MacPherson
Social Work Department
River Valley Regional Health Authority
Gisèle Maillet
Addiction and Mental Health Services
Department of Health
Wanda Pinet
Addiction Services
Acadie-Bathurst Health Authority
Gina St-Laurent
Student Services
Department of Education
John Tingley
Student Services
Department of Education
Bin Zhang
Provincial Epidemiology Services
Department of Health

Newfoundland and Labrador Working Group

Renee Ryan (Chair)
Dept of Health and Community Services
Bill Dwyer
Royal Canadian Mounted Police
Kevin Foley
Royal Newfoundland Constabulary
Steve Knight
Royal Newfoundland Constabulary
Carol Ann Cotter
Dept of Health and Community Services
Bernie Squires
Dept of Health and Community Services
Kerry Pope
Department of Education
Dave Martin
Department of Education
Kim Baldwin
Eastern Health

With special thanks to:
Barbara Jackman
Dept of Health and Community Services
Elaine Power
Dept of Health and Community Services
Bernadine Power
Dept of Health and Community Services
Vicki LeDrew
Dept of Health and Community Services
Jackie Vickers
Dept of Health and Community Services

Prince Edward Island Working Group

Dr. Linda Van Til (Chair)
Provincial Epidemiologist
Department of Health
Connie Cheverie
Epidemiology
Department of Health
Jennifer Cairns Burke
Epidemiology
Department of Health
Margaret Kennedy
Addictions and Mental Health
Department of Health
Robin Philips
Research Services
Department of Education
Rona Brown
Family Violence
Department of Social Services and Seniors
Catherine Freeze
Health Policy Development
Department of Health
Darren O'Handley
Youth Addiction
Department of Health
Joan Savage
Public Health Nursing
Department of Health
Lori MacPherson
Health and Physical Education Curriculum
Department of Education
Valerie Nicholson
Public Health Nursing
Department of Health
Nancy Malcolm Sharratt
Healthy Living
Department of Health
Sterling Carruthers
School Health
Department of Education

Contact information

Principal investigator
Christiane Poulin
Professor
Dalhousie University
5790 University Avenue
Halifax, NS B3H 1V7
Christiane.Poulin@dal.ca

Nova Scotia
Department of Health Promotion and Protection
PO Box 487
Halifax, NS B3J 2R7
www.gov.ns.ca/hpp
healthpromotion@gov.ns.ca

Prince Edward Island
Department of Health
16 Garfield St
Charlottetown, PE C1A 6A5
www.gov.pe.ca

New Brunswick
Department of Health
PO Box 5100, 5th Floor
Carlton Place, 520 King Street
Fredericton, NB E3B 5G8
www.gnb.ca/0051/index-e.asp

Newfoundland and Labrador
Department of Health and Community Services
PO Box 8700
Main Floor West Block
Confederation Building
St. John's, NL A1B 4A4
www.health.gov.nl.ca/health

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We thank the staff of the Addictions and/or Mental Health Services, and of the Departments of Education in the four provinces, for their dedication and assistance with regard to the survey.

Finally, we thank the school boards, principals, teachers, parents and students of the four Atlantic provinces for their ongoing support of this important survey.

INTRODUCTION

The *2007 Student Drug Use Survey in the Atlantic Provinces* (SDUSAP) is the fourth application of a standardized survey conducted in collaboration with Nova Scotia, New Brunswick, Newfoundland and Labrador, and Prince Edward Island.[1] A standard protocol was developed in 1994, and the survey was conducted in 1996, 1998 and 2002.[2-5] The focus of the SDUSAP is substance use, gambling and related behaviours.

The survey provides representative information about adolescents enrolled in and attending junior or senior high school. Street youth, early school leavers and adolescents frequently absent from school are at higher risk of alcohol and other drug use than are adolescents in school.[6]

The *2007 Technical Report* is restricted to descriptive findings such as the prevalence of substance use, problems and risk behaviours. Included are summary tables that show the prevalence of behaviours among students in each province and in the Atlantic region overall. Prevalence estimates are also provided according to gender, grade and health region.

Objectives

The goal of the *2007 Student Drug Use Survey in the Atlantic Provinces* is to develop a population health perspective on addictions-related health in the adolescent student population, in each province separately and in the Atlantic region as a whole.

The objectives of the survey are:

1 To estimate in the adolescent student population, the prevalence of the various patterns of substance use and gambling, related high-risk behaviours, and, harmful consequences and risk continua;

2 To identify determinants of addictions-related health in the adolescent student population;

3 To determine students' experience with drug education, policy and programming during the school year, as reported by students and as based on selected indicators at the school level;

4 To provide students with the opportunity to identify issues and needs they consider relevant to addictions-related health; and

5 To provide sound epidemiological information useful to the relevant provincial government Departments for the development of policies and practices in prevention, early intervention and treatment pertaining to adolescent addictions-related health.

About the Atlantic provinces

As of 2006, the Atlantic region had a total population of approximately 2.28 million.[7] Nova Scotia had the largest population, with over 913.4 thousand people, and PE had the smallest population, with 135.8 thousand people.[7] The region's population is relatively homogeneous and is comprised mostly of European descendants. As of 2001, First Nations, Inuit and Innu peoples made up approximately 1.0%-3.7% of the population in each province, and other visible minorities made up a further 0.9%-3.8% of the population in each province.[8]

METHODS

Participants

The sample design of the SDUSAP is a two-stage cluster sample of randomly selected classes within randomly selected schools stratified by grade and health district or region. The health regions of the four provinces, and their corresponding identification number in the subsequent Tables of findings are shown in Table 1. The final sample for the 2007 SDUSAP comprised 17,545 students in grades 7, 9, 10 and 12 in the four provinces (Table 2). The average age of participants was 15.1 years, and 49% of respondents were male (Table 3). Regarding living arrangement, students residing in NL were more likely to report they were residing with their father and mother than were students in the other three provinces. In terms of the highest level of education of the student's mother, essentially the same proportions of students in the four provinces reported the various levels of education. Table 3 shows considerable variation across the four provinces in terms of students having a driver's license with students in PE more likely than their counterparts in the remaining provinces to have a driver's license.

Instrument

The SDUSAP is a self-reported questionnaire comprising about 100 items requesting information about demographics, social environment, substance use and related problems, sexual behaviour, gambling, mental health (depressive symptoms and a screening test for Attention-Deficit/Hyperactivity Disorder), help seeking, and school drug education and policy. The 2007 survey also included several new domains of inquiry (e.g. stress, anxiety, family socio-economic status) which will be the subject of later reports.

The methods to assess validity of the survey have been replicated at each implementation of the survey.[9] Evidence that the standardized survey is valid, reliable and minimizes under-reporting includes a low rate of non-coverage of the student population, the safeguarding of anonymity and confidentiality, drug use estimates consistent with those of similar surveys, low non-response rates for the drug use items, and high rates of consistency between selected items. In addition, specific in-depth studies have been conducted pertaining to the validity of new items and scales included in the SDUSAP.

Of note, the 2007 SDUSAP included a new item asking "In the past 12 months, have you taken pain killers (Percocet®, Percodan®, Tylenol #3®, Dilaudid®, OxyContin®, codeine) without a prescription or without a doctor telling you to do so?". This item was intended to inform on students' use of opiate medication for recreational purposes. An estimated 20%, 18%, 17% and 19% of students in NS, NB, NL and PE, respectively, responded in the affirmative to this item. In contrast, less than 2% of students' reported they had used opiates in the 1996, 1998 and 2002 surveys. It is clear from these results that the 2007 question tapped into the use of opiates for pain, and does not have face validity as an item on opiate use for recreational purposes. Therefore, no further analyses were conducted on this new item.

Surveillance definitions of past year substance use

The surveillance definitions of past year substance use reported in the present document have been in place since the 1996 SDUSAP.[1] The surveillance definition of "any alcohol use" in the past year is based on Item 28 of the 2007 SDUSAP questionnaire and refers to any alcohol use excluding "just a sip". The surveillance definition "any cigarette smoking" in the past year is based on Item 23 and refers to any smoking excluding having "tried one cigarette". For all other substances, "any use" refers to use on one or more occasions during the previous 12 months. Consuming five or more drinks at a sitting on at least one occasion in the 30 days prior to the survey is referred to as heavy episodic drinking.

Atlantic Alcohol- & Drug-Risk Continua

The 2007 *Student Drug Use Survey in the Atlantic Provinces* introduces the Atlantic Alcohol Risk Continuum (AARC) and the Atlantic Drug Risk Continuum (ADRC).[10] These population health tools were developed to monitor the overall level of risk associated with substance use in the general adolescent population.

The Risk Continua categorize the general adolescent student population into four mutually exclusive groups of alcohol- or drug-related risk comprising "No", "Low", "Moderate" and "High" risk. The levels of risk are based on students' self-reported information about past year use, past year use-related problem indicators and past year need for help for use. The key feature of the Risk Continua is that the cut-point between Moderate and High risk is based on the criterion of self-reported need for help for use. This criterion taps into the Stages of Change theory[11] rather than a psychiatric or clinical definition of alcohol abuse or dependence.

The AARC and ADRC take into account a total of 21 problem indicators comprising those reported on in the chapters on alcohol- and drug-related problems, as well as unplanned sex after alcohol or drug use. These 21 problem indicators were selected for two reasons. First, each problem by itself can cause adolescents considerable suffering. Furthermore, each problem can have implications for addictions policy and programming.

The AARC and ADRC underwent validation using data from the 1998 and 2002 *Student Drug Use Survey in the Atlantic Provinces*.[10] For grade 7 students, experiencing one or more problem indicators is deemed to be High Risk. For students in grades 9 and higher, the cut-point for the High Risk end of the continuum is three or more problem indicators.

Screening tools

The present document reports on three aspects of mental health based on screening tools: elevated depressive symptoms, Attention Deficit Hyperactivity Disorder, and problem gambling.

To assess depressive symptoms, the SDUSAP included a 12-item version of the Center for Epidemiological Studies-Depression Scale.[12] Details regarding the validity and reliability of the CES-D-12-NLSCY are available elsewhere.[13] The CES-D-12-NLSCY asks about depressive symptoms in the seven days prior to the survey. The three categories of elevated depressive symptoms are: Minimal (scores 0 to 11); Somewhat Elevated (scores 12 to 20); and Very Elevated depressive symptoms (scores 21 to 36).[14] A student must have responded to at least 11 of the 12 items to receive a score; otherwise, the depression risk category was deemed to be Indeterminate.

The 2002 and 2007 SDUSAP included the Ontario Child Health Study Hyperactivity Scale. This screening test is valid and appropriate for use with children and adolescents in the general population.[15] The screening test asks about symptoms concerning inattention, impulsiveness and hyperactivity. Scores of nine and above constitute a positive screening test. This screening test was first included in the SDUSAP in 2002.[16]

Screening for problem gambling was based on a five item version of the South Oaks Gambling Screen, Revised for Adolescents (SOGS-RA).[17] At-risk gambling was defined as a score of 2 or 3 and problem gambling was defined as a score of 4 or more on the SOGS-RA scale.[17-18] Details regarding the pscychometric performance of the complete version of the SOGS-RA among students in Atlantic Canada appear in Boudreau and Poulin.[19] Preliminary analyses suggest that the same scores on the five item version identify the at-risk and problem gamblers. An analysis of the psychometric performance of the five item version is forthcoming.

Survey procedures

Ethics approval for the 2007 survey was granted by the Dalhousie University Health Science Research Ethics Board. The issues addressed in the ethics review were consent, voluntary participation and confidentiality. Within each Atlantic province, initial consent to conduct the survey was given by the respective Department of Education and School Board Association. Randomly selected schools were invited to participate and the consent of the school board and school principal was obtained. All students were informed at the time of survey administration that participation was voluntary such that definitive consent of an individual student was obtained at the time of the survey.

The Dalhousie Ethics Review Board required the survey to make available two types of consent for student participation: 1) an information letter, and, 2) a letter requesting active parental consent. The information letter did not require a signature by either the

student nor his/her parent or guardian. The letter of active parental consent required the signed permission of the parent or guardian in order for the student to participate in the survey. Students in grades 10 and 12 were given an information letter. In the case of students in grades 7 and 9, the school board and/or school principal could elect to use either the information letter or the letter of active parental consent. In NB and PE, the Departments of Education required active parental consent for all students in grade 7. In NS and NL, the vast majority of school principals opted for the information letter. In NS and NL, about 22% and 28% respectively of grade 7 students who participated in the survey did so with active parental consent.

These different conditions for consent resulted in variable participation rates. Appendix 3 shows that, in each province, more than 93% of students present on the day of the survey completed a questionnaire. Appendix 3 also shows that, on average, 70% of all students enrolled in the selected classes of grade 7 students in NB and PE participated in the survey whereas about 81% of their counterparts in NS and NL participated in the survey. In NS, participation rates in one particular school board were very low suggesting that the sample was not representative. This resulted in a decision to exclude the five selected schools from the final dataset. In NS, therefore, the 2007 SDUSAP is representative of students in junior and senior high school in the province with the exception of one rural school board.

Confidentiality was addressed through the anonymous nature of the survey as well as by the survey procedures. The questionnaires were administered to classes of students by university students in NS, staff of the regional addictions services office in NB and teachers from participating schools in PE and NL. The person administering the survey read a prepared script with instructions to respondents to not indicate their name or other identifying information on either the questionnaire or their manila envelope.

Statistical analysis

All prevalence estimates and statistical tests took into account the stratified disproportionate cluster sample design and probability weights. Non-response to any given predictor variable was coded as a separate dummy category and included in the analysis. Presented in the 2007 Atlantic Technical Report are the point estimates and 99% confidence intervals of all behaviours of interest, overall and according to gender, grade and health region, within each province and in the Atlantic region as a whole. The influence of province, gender and grade on all behaviours of interest was tested in multivariate logistic or multinomial logistic models, as appropriate. An alpha level of 0.01 was used for all hypothesis testing. Furthermore, as the consent procedures and participation rates were variable across the four provinces, an additional multivariate model was performed for each behaviour of interest in order to determine the impact of type of consent on provincial and overall estimates. Of the 85 variables tested in this manner, only three were found to be influenced by the type of consent. As these findings can be explained by chance, it was concluded that type of consent did not likely have a significant influence across the provinces. All analyses were conducted with the Stata 9.0 computer program.[20]

Table 1 *Health or school district within each province, and "Health Region" identification number in subsequent Tables*

ID # in Tables	NS	NB	NL	PE
1	Health District 9	Health Region 1	Eastern	No health districts
2	Health Districts 1-2-3	Health Region 2	Central	
3	Health Districts 7-8	Health Region 3	Western	
4	Health Districts 4-5-6	Health Region 4	Labrador - Grenfell	
5		Health Region 5		
6		Health Region 6		
7		Health Region 7		

Table 2 *Numbers of participating students, by province and grade*

	NS	NB	NL	PE	Totals
Grade 7	1004	1245	883	609	3741
Grade 9	1246	1843	1022	718	4829
Grade 10	1233	1649	857	847	4586
Grade 12	1003	1500	1086	800	4389
Totals	4486	6237	3848	2974	17545

Table 3 *Demographic characteristics of students in grades 7, 9, 10 & 12*

		NS	NB	NL	PE
Gender	(%)				
Male		49.2	48.0	50.1	47.7
Female		50.4	51.7	48.9	51.7
Average age	(years)	15.1	15	15	15.1
Student's living arrangement	(%)				
Father & mother		65.5	66.4	71.5	69.8
Mother only		14.4	14.3	11.1	12.1
Father only		2.7	2.7	2.6	3.2
Mother & step-father		9.7	9.5	6.9	8.4
Father & step-mother		1.9	1.9	1.5	1.5
Alone or with friends		0.8	0.6	0.5	0.5
Other		3.5	3.5	4.8	3.4
Student's mother's highest level of education	(%)				
Post-secondary education		53.7	52.7	51.4	58.1
Graduated high school		20.0	21.9	17.1	18.8
Did not graduate high school		8.9	7.7	9.3	7.5
Student does not know		15.9	16.6	21.3	14.6
No mother		0.6	0.6	0.2	0.5
Student's driver's license status	(%)				
No license		71.6	73.1	76.3	64.7
Beginner's or temporary license		10.0	7.9	9.4	10.5
Driver's license less than 1 year		5.2	6.0	8.4	7.4
Driver's license 1 - 2 years		10.3	10.1	4.2	13.1
Driver's license 3 or more years		1.8	1.8	0.4	3.5

OVERVIEW & TRENDS

In 2007, the substances most commonly used by students in grades 7, 9, 10 and 12 in the Atlantic provinces were alcohol, cannabis and cigarettes. About 51%, 29% and 15% of students reported having used those substances, respectively, in the 12 months before the survey (Table 4).

About 6% of students reported having used MDMA (ecstasy), and psilocybin or mescaline. Less than 5% of students reported having used any of the remaining substances, including non-medical use of stimulants and/or tranquilizers. Less than 2% of students reported having used methamphetamine (crystal meth).

Multivariate logistic models revealed that considerable inter-provincial variation exists in the proportions of students who reported the use of specific substances in 2007 (Table 4). Using NS as a comparison group, the prevalence of alcohol use was significantly lower in PE. The prevalence of cannabis use was significantly lower in NB and PE. The prevalence of cigarette smoking was significantly lower in NB. The prevalence of MDMA use was significantly lower in PE. The prevalence of psilocybin or mescaline use was significantly lower in NB, NL and PE. The prevalence of the non-medical use of amphetamine and methylphenidate was significantly lower in NB. The prevalence of cocaine use was significantly lower in NB. The prevalence of LSD use was significantly lower in PE. The prevalence of inhalant use was significantly lower in NB.

Regarding trends in student substance use in the past decade, the 2007 survey revealed a marked downward trend from 1996 to 2007 in the prevalence of cigarette smoking, as well decreases in the prevalence of LSD and inhalant use. Furthermore, the prevalence of the use of cannabis, and of psilocybin or mescaline, decreased from 2002 to 2007 (Table 5). The increased prevalence of MDMA use among students in NS and NL was the only significant increase in the prevalence of substance use observed from 2002 to 2007 among adolescent students in the Atlantic provinces. Figures 1 to 7 show trends in the prevalence of use of seven substances.

Table 4 *Annual prevalence of substance use, 2007*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Alcohol	51.7	±2.1	50.3	±2.2	52.0	±2.5	46.3	±2.6	50.9	±1.2
Cannabis	32.4	±2.5	27.1	±2.5	29.5	±2.7	21.3	±2.9	29.3	±1.4
Cigarettes	16.2	±2.1	12.8	±1.9	16.9	±2.3	14.5	±2.4	15.0	±1.2
MDMA	6.9	±1.4	5.2	±1.1	7.2	±1.4	3.4	±1.1	6.2	±0.7
Psilocybin or Mescaline	7.7	±1.4	5.5	±1.2	4.2	±0.9	4.9	±1.3	6.1	±0.7
Methylphenidate non-med	4.6	±1.1	2.3	±0.7	5.1	±1.3	4.9	±1.2	4.0	±0.6
Cocaine	4.3	±1.1	2.9	±0.8	5.3	±1.3	3.4	±1.0	4.0	±0.6
LSD	3.7	±0.9	4.3	±1.2	4.2	±1.1	2.5	±0.8	3.9	±0.6
Inhalants	4.4	±1.0	2.6	±0.6	4.4	±1.0	3.6	±1.1	3.7	±0.5
Amphetamine non-med	3.6	±0.9	2.4	±0.6	3.2	±0.9	3.4	±0.9	3.1	±0.5
Tranquilizers non-med	3.0	±0.8	2.4	±0.6	3.0	±0.8	2.3	±0.7	2.3	±0.4
Methamphetamine	1.6	±0.6	2.1	±0.5	2.4	±0.7	1.2	±0.5	1.9	±0.3
Steroids	1.7	±0.6	1.6	±0.5	1.5	±0.6	1.6	±0.6	1.6	±0.3

Table 5 *Trends in the annual prevalence of substance use, 1996 - 2007*

		NS		NB		NL		PE	
	Year	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Alcohol	1996	54.1	±2.6	51.9	±2.8	55.4	±3.3	51.4	±3.7
	1998	56.7	±2.7	55.5	±3.1	58.3	±3.8	52.5	±3.3
	2002	53.0	±2.5	53.1	±2.7	57.9	±3.5	48.4	±4.0
	2007	51.7	±2.1	50.3	±2.2	52.0	±2.5	46.3	±2.6
Cigarettes	1996	34.8	±2.8	32.8	±2.9	35.7	±3.9	33.1	±3.2
	1998	36.1	±2.8	32.3	±2.8	38.1	±3.3	26.5	±2.8
	2002	23.6	±2.4	20.6	±2.4	27.3	±3.9	18.0	±2.6
	2007	16.2	±2.1	12.8	±1.9	16.9	±2.3	14.5	±2.4
Cannabis	1996	32.1	±2.6	28.8	±2.6	22.8	±2.9	22.2	±2.9
	1998	37.7	±2.6	30.4	±2.8	30.2	±3.2	21.7	±2.6
	2002	37.5	±2.4	34.8	±2.7	34.5	±3.9	23.4	±3.1
	2007	32.4	±2.5	27.1	±2.5	29.5	±2.7	21.3	±2.9
LSD	1996	12.4	±1.7	15.1	±1.8	6.6	±1.6	8.2	±1.8
	1998	10.1	±1.6	11.0	±1.7	6.9	±1.5	6.2	±1.5
	2002	5.2	±1.0	5.1	±1.1	4.5	±1.5	3.5	±1.1
	2007	3.7	±0.9	4.3	±1.2	4.2	±1.1	2.5	±0.8
Psilocybin or Mescaline	1996	8.3	±1.3	8.3	±1.4	10.3	±2.1	8.7	±1.7
	1998	10.7	±1.6	9.3	±1.6	12.2	±2.2	6.7	±1.4
	2002	12.7	±1.7	11.6	±1.6	7.5	±1.7	6.1	±1.6
	2007	7.7	±1.4	5.5	±1.2	4.2	±0.9	4.9	±1.3
Inhalants	1996	7.2	±1.2	5.9	±1.2	8.0	±1.4	7.2	±1.4
	1998	7.0	±1.2	5.3	±1.2	7.2	±1.3	6.7	±1.3
	2002	4.8	±1.0	5.2	±1.0	5.6	±1.8	5.8	±1.4
	2007	4.4	±1.0	2.6	±0.6	4.4	±1.0	3.6	±1.1
Tranquillizers Non-medical	1996	4.8	±1.2	4.5	±1.2	4.0	±1.6	3.9	±1.1
	1998	5.9	±1.0	3.6	±1.0	3.7	±1.1	3.4	±1.1
	2002	4.8	±0.9	4.9	±1.0	2.7	±1.1	3.7	±1.2
	2007	3.0	±0.8	2.4	±0.6	3.0	±0.8	2.3	±0.7

Table 5 *Trends in annual prevalence of substance use, 1996 - 2007* – continued

		NS		NB		NL		PE	
	Year	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Methylphenidate	2002	7.5	±1.4	5.8	±1.1	6.2	±1.8	6.3	±1.6
Non-medical	2007	4.6	±1.1	2.3	±0.7	5.1	±1.3	4.9	±1.2
Amphetamine	2002	9.5	±1.4	10.9	±1.5	4.8	±1.5	6.1	±1.8
Non-medical	2007	3.6	±0.9	2.4	±0.6	3.2	±0.9	3.4	±0.9
Cocaine	1996	3.5	±0.9	4.7	±1.1	3.0	±0.8	3.5	±0.9
	1998	4.7	±1.0	4.0	±1.2	3.5	±0.9	2.8	±0.9
	2002	3.9	±0.9	3.6	±0.9	3.7	±1.1	2.4	±0.9
	2007	4.3	±1.1	2.9	±0.8	5.3	±1.3	3.4	±1.0
MDMA	2002	4.5	±1.0	4.0	±0.8	2.0	±0.8	3.0	±1.0
	2007	6.9	±1.4	5.2	±1.1	7.2	±1.4	3.4	±1.0
Steroids	1996	2.8	±0.8	2.7	±0.8	2.2	±1.2	2.1	±0.7
Non-medical	1998	2.5	±0.7	2.3	±0.7	2.2	±0.7	1.9	±0.7
	2002	2.7	±0.7	2.8	±0.8	2.5	±1.2	2.7	±1.0
	2007	1.7	±0.6	1.6	±0.5	1.5	±0.6	1.6	±0.6
PCP	1996	2.6	±0.8	3.8	±1.1	1.1	±0.4	1.8	±0.7
	1998	3.0	±0.8	3.5	±1.0	1.9	±0.6	1.5	±0.7
	2002	3.3	±0.8	3.9	±1.0	1.6	±0.8	1.5	±0.7
Opiates	1996	2.1	±0.7	2.4	±0.8	1.3	±0.5	2.0	±0.8
	1998	2.8	±0.6	1.6	±0.6	2.0	±0.6	2.0	±0.7
	2002	1.5	±0.5	1.9	±0.5	1.3	±0.7	1.7	±0.5

Figure 1 *Trends in the annual prevalence of alcohol use, 1996 - 2007 Among students in grade 7, 9, 10 & 12*

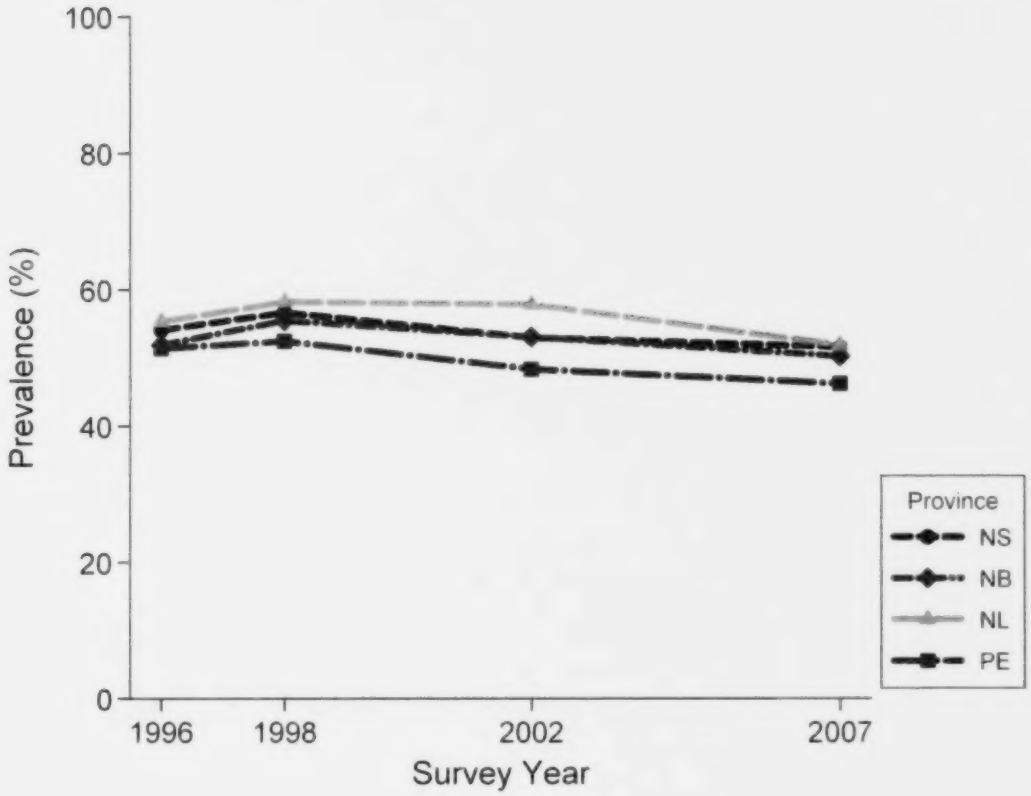


Figure 2 *Trends in the annual prevalence of cigarette smoking, 1996 - 2007 Among students in grade 7, 9, 10 & 12*

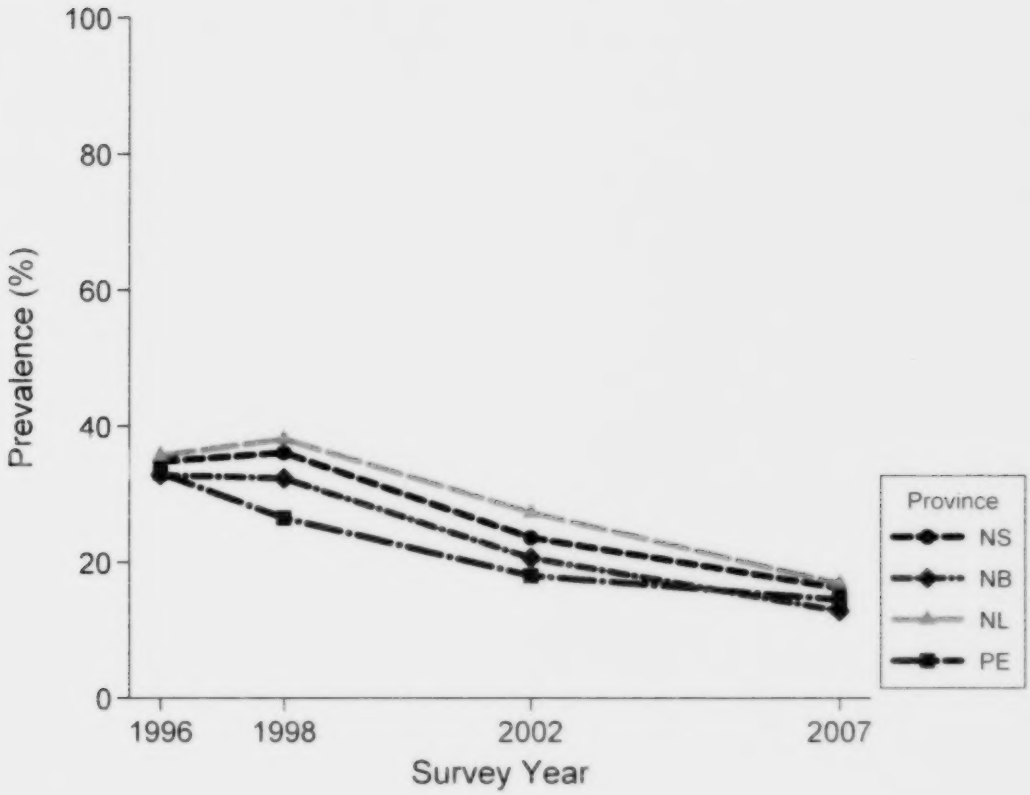


Figure 3 *Trends in the annual prevalence of cannabis use, 1996 - 2007 Among students in grade 7, 9, 10 & 12*

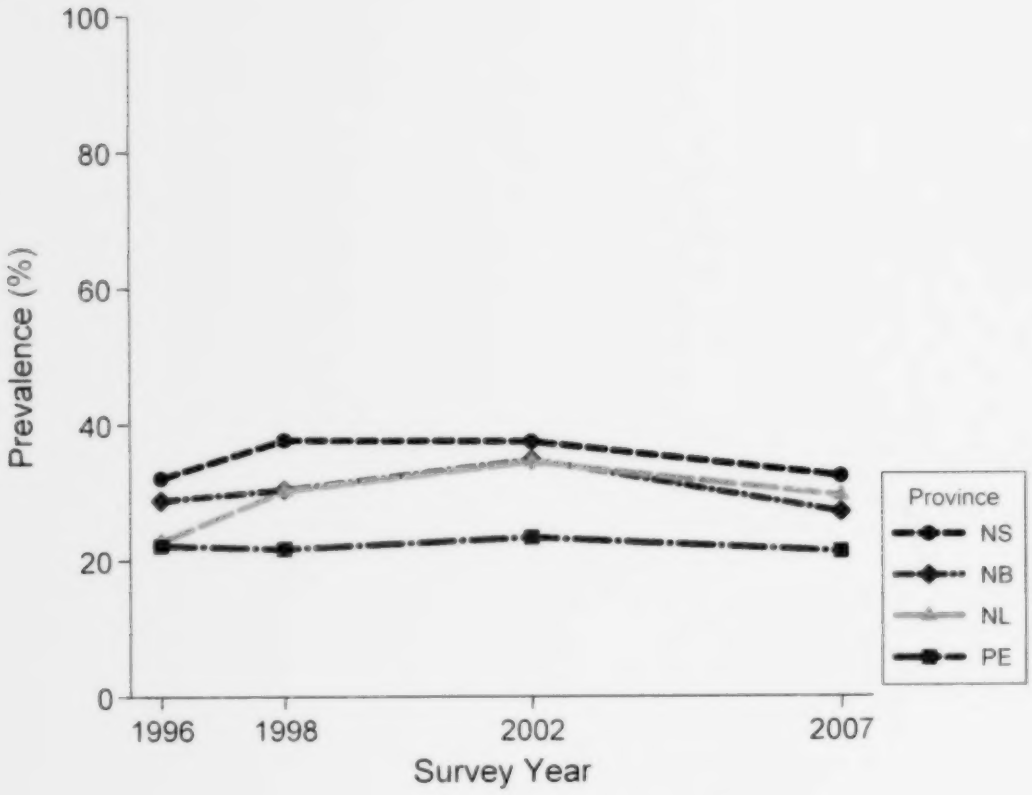


Figure 4 *Trends in the annual prevalence of LSD use, 1996 - 2007 Among students in grade 7, 9, 10 & 12*

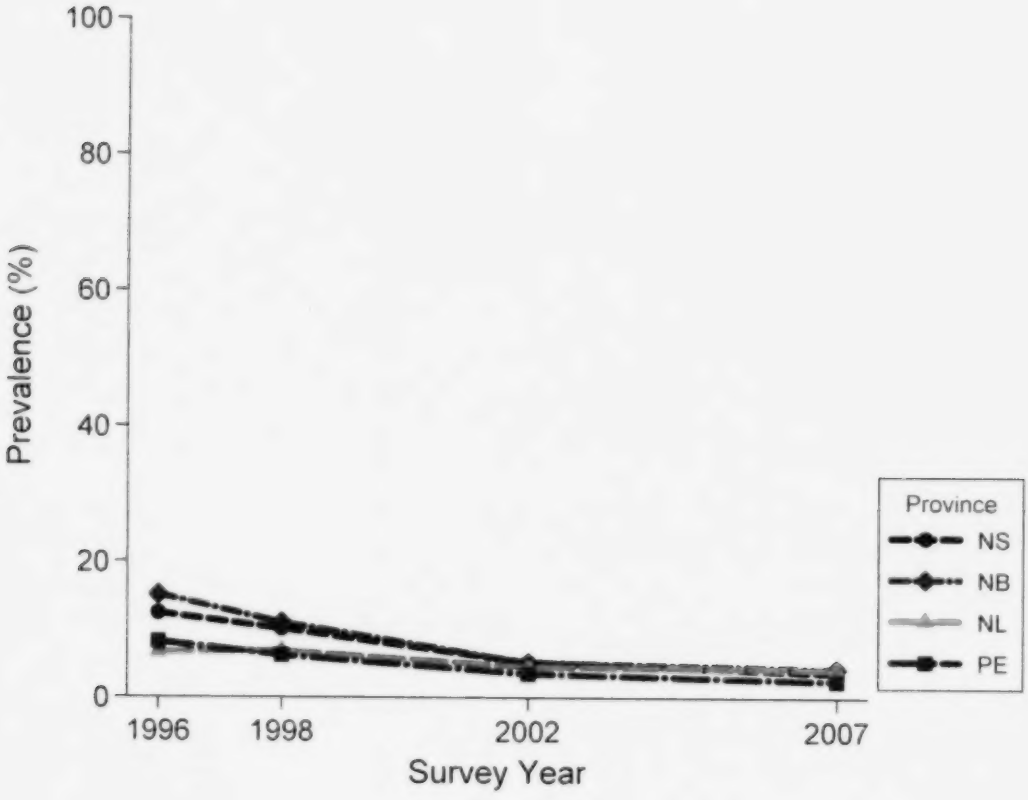


Figure 5 *Trends in the annual prevalence of cocaine/crack cocaine use, 1996 - 2007 Among students in grade 7, 9, 10 & 12*

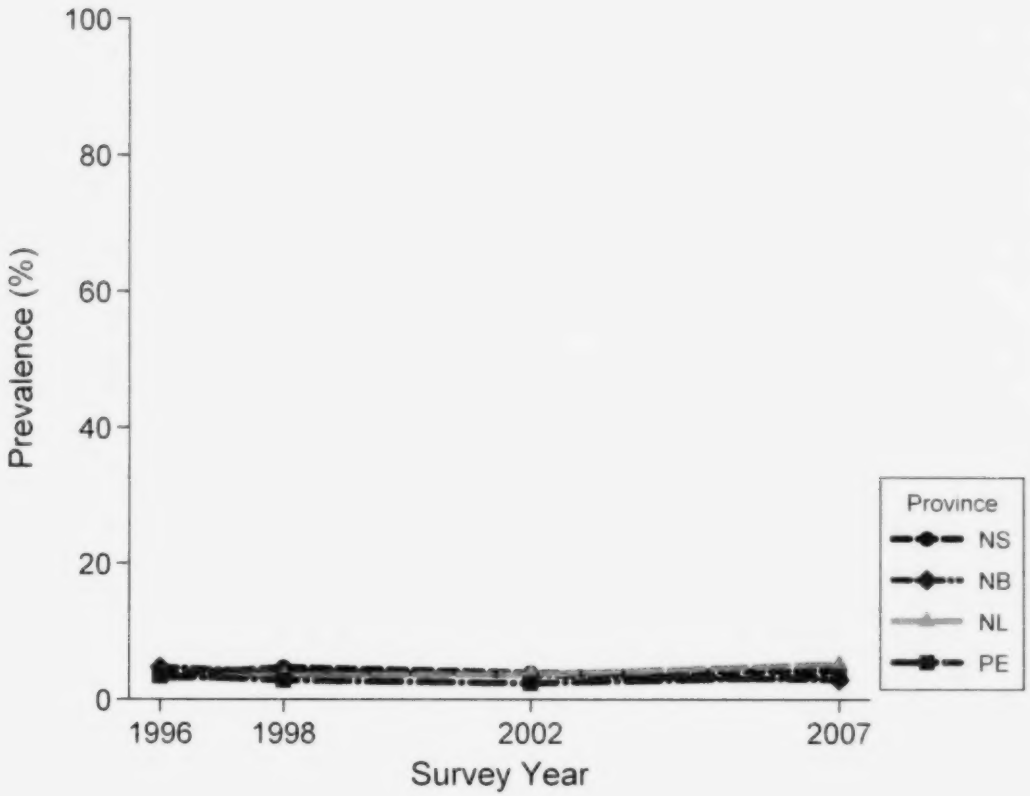


Figure 6 *Trends in the annual prevalence of psilocybin or mescaline use, 1996 - 2007 Among students in grade 7, 9, 10 & 12*

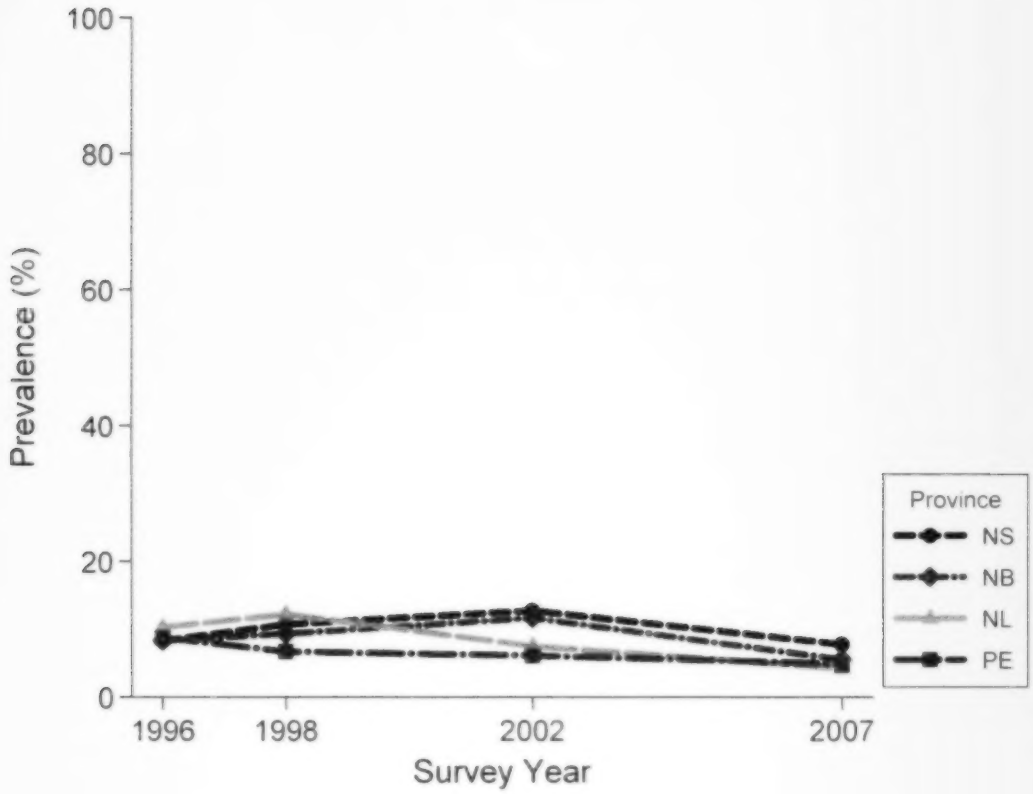
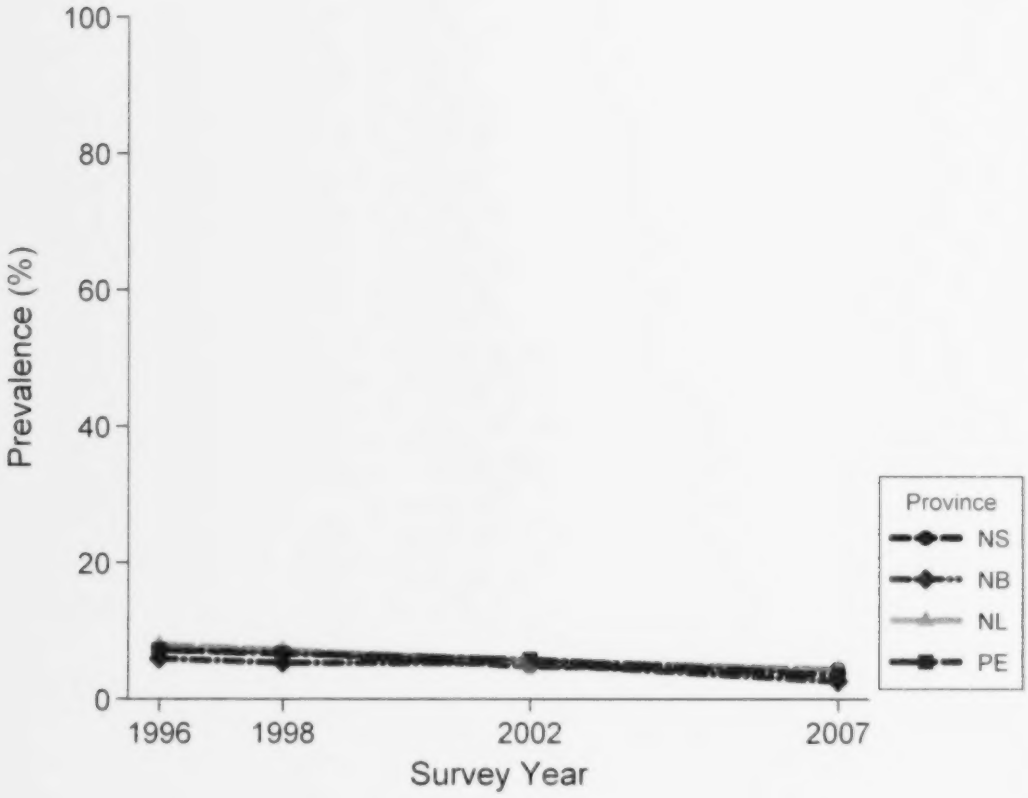


Figure 7 *Trends in the annual prevalence of inhalant use, 1996 - 2007 Among students in grade 7, 9, 10 & 12*



ALCOHOL USE

In 2007, about 69% of students in grades 7, 9, 10 and 12 in the Atlantic provinces reported they had consumed alcohol at some time in their life (Table 6), with the average age at first consumption being 12.9 years (Table 7).

About 51% of all adolescent students reported having had some alcohol during the course of the year (Table 8). About 29 % of students reported having used alcohol more often than once per month (Table 9). A multivariate logistic model using NS as the comparison group revealed that the prevalence of alcohol use was significantly lower among students in PE. Male and female students were equally likely to have consumed alcohol. The proportions of students who used alcohol increased with increasing grade.

Drinking five or more drinks at a sitting is a high-risk pattern of alcohol use known to be associated with an increased risk of alcohol-related harms. This drinking pattern is also referred to as heavy episodic drinking. In 2007, about 27% of adolescent students in the Atlantic provinces engaged in this behaviour in the 30 days before the survey (Table 10). The proportion of students who reported heavy episodic drinking was essentially the same in the four provinces. A multivariate logistic model revealed that male students were more likely than their female counterparts to report this drinking pattern. The proportions of students who reported heavy episodic drinking increased with increasing grade, ranging from about 4% in grade 7 to 50% in grade 12. The findings pertaining to drinking to the point of drunkenness (Table 11) were essentially the same as those of drinking five or more drinks at a sitting.

The 2007 survey asked students how they had gotten alcohol at their most recent drinking occasion. Among students younger than 19 years of age in the Atlantic provinces, the most commonly reported methods of obtaining alcohol were from a friend (55%), and from parents who offered alcohol (22%) (Table 12). About 11% of under-aged students reported they had gotten alcohol at home without their parents' permission, 6% of students had bought the alcohol themselves, and 6% had gotten it from an adult other than their parent. Table 12 shows notable differences in how students in the four provinces obtained alcohol, particularly as concerns parents' offering alcohol and students' getting alcohol from home without permission.

Table 6 *Prevalence of lifetime use of alcohol*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	69.7	± 2.2	67.9	± 2.1	70.0	± 2.5	64.1	± 2.3	68.8	± 1.2
Gender										
Male	69.9	± 3.2	68.8	± 3.0	67.1	± 3.2	64.4	± 3.5	68.6	± 1.7
Female	69.6	± 3.3	67.2	± 3.0	73.1	± 3.3	63.7	± 3.4	69.0	± 1.8
Grade										
7	34.7	± 5.5	28.0	± 6.6	34.5	± 6.8	28.6	± 5.2	32.0	± 3.4
9	72.4	± 5.1	70.7	± 4.2	71.9	± 4.3	59.7	± 5.8	70.9	± 2.6
10	79.9	± 3.9	80.5	± 3.2	79.9	± 4.7	78.1	± 3.6	80.0	± 2.1
12	90.5	± 3.0	90.0	± 2.3	91.0	± 3.4	86.4	± 3.7	90.1	± 1.6
Health Region										
1	68.3	± 3.8	66.7	± 5.0	69.9	± 3.7				
2	70.8	± 4.7	68.4	± 5.4	68.0	± 4.2				
3	69.3	± 5.5	64.2	± 3.7	69.6	± 6.1				
4	72.1	± 3.4	75.4	± 5.1	75.2	± 5.3				
5			72.3	± 3.9						
6			70.5	± 5.5						
7			68.9	± 3.8						

Table 7 *Average age at first use of alcohol*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci
Overall	12.9	±0.2	13	±0.2	12.9	±0.3	13.1	±0.2	12.9	±0.1
Gender										
Male	12.7	±0.3	12.8	±0.3	12.7	±0.4	12.9	±0.3	12.8	±0.1
Female	13.1	±0.2	13.1	±0.3	13.1	±0.3	13.3	±0.4	13.1	±0.1
Grade										
7	11.4	±0.3	11.2	±0.4	11.2	±0.5	11.2	±0.4	11.2	±0.1
9	12.6	±0.4	12.8	±0.2	12.7	±0.4	12.8	±0.4	12.7	±0.1
10	13.5	±0.3	13.5	±0.3	13.5	±0.5	13.4	±0.4	13.5	±0.1
12	14.3	±0.4	14.4	±0.5	14.1	±0.6	14.7	±0.4	14.3	±0.1
Health Region										
1	12.9	±0.3	13.0	±0.4	13.0	±0.4				
2	12.9	±0.4	13.0	±0.4	12.8	±0.4				
3	13.0	±0.4	13.0	±0.4	12.7	±0.3				
4	12.8	±0.4	12.8	±0.4	13.0	±0.6				
5			13.1	±0.5						
6			12.9	±0.4						
7			13.0	±0.4						

Table 8 *Any alcohol use in the previous 12 months*
Among students in grades 7, 9, 10 & 12

	NS	NB	NL	PE	Atlantic
	% 99% ci	% 99% ci	% 99% ci	% 99% ci	% 99% ci
Overall	51.7 ± 2.1	50.3 ± 2.2	52.0 ± 2.5	46.3 ± 2.6	50.9 ± 1.2
Gender					
Male	51.9 ± 3.3	49.6 ± 3.2	49.1 ± 3.4	47.0 ± 4.0	50.3 ± 1.8
Female	51.6 ± 3.3	50.9 ± 3.3	55.1 ± 4.0	45.6 ± 3.6	51.6 ± 1.9
Grade					
7	12.3 ± 3.6	9.3 ± 3.4	11.0 ± 4.4	8.4 ± 3.3	10.8 ± 2.0
9	49.3 ± 4.7	47.8 ± 5.5	50.8 ± 3.5	36.9 ± 6.8	48.2 ± 2.7
10	63.4 ± 4.7	63.9 ± 3.7	63.8 ± 6.7	59.5 ± 5.4	63.4 ± 2.6
12	80.5 ± 3.8	78.1 ± 4.4	79.9 ± 4.7	76.6 ± 4.6	79.3 ± 2.3
Health Region					
1	49.5 ± 3.5	49.1 ± 4.7	52.2 ± 3.7		
2	52.3 ± 4.2	49.2 ± 4.5	49.4 ± 4.9		
3	55.0 ± 4.6	45.9 ± 5.6	51.5 ± 5.0		
4	54.0 ± 4.8	62.0 ± 5.9	57.2 ± 6.0		
5		56.2 ± 5.2			
6		54.6 ± 5.5			
7		51.1 ± 3.7			

Table 9 *Alcohol use more often than once per month, in the past 12 months Among students in grade 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	29.8	± 2.0	26.6	± 2.3	31.1	± 2.8	25.1	± 2.7	28.6	± 1.2
Gender										
Male	30.4	± 3.0	28.7	± 3.2	30.9	± 3.4	25.8	± 3.8	29.6	± 1.8
Female	29.3	± 3.1	24.6	± 2.8	31.4	± 4.3	24.4	± 3.5	27.7	± 1.7
Grade										
7	5.6	± 2.8	3.8	± 2.1	5.2	± 2.8	2.6	± 1.7	4.7	± 1.4
9	24.6	± 4.2	22.4	± 4.3	26.6	± 5.6	18.0	± 5.2	23.8	± 2.5
10	35.5	± 4.3	34.8	± 4.7	38.4	± 7.2	32.1	± 6.6	35.6	± 2.7
12	53.3	± 4.6	44.4	± 6.2	52.9	± 5.0	45.6	± 6.3	49.7	± 3.0
Health Region										
1	28.3	± 3.3	27.4	± 5.2	30.7	± 4.2				
2	28.5	± 4.0	28.1	± 4.9	27.8	± 5.4				
3	34.8	± 5.4	23.5	± 5.8	32.7	± 5.1				
4	31.7	± 4.0	31.3	± 6.0	38.4	± 5.4				
5			27.8	± 4.8						
6			25.3	± 3.5						
7			25.3	± 4.8						

Table 10 *Five or more drinks at a sitting in the 30 days before the survey*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	27.7	± 1.9	25.3	± 2.1	29.7	± 2.7	26.1	± 2.6	27.2	± 1.2
Gender										
Male	28.3	± 3.0	27.3	± 2.9	30.7	± 3.8	26.1	± 3.7	28.3	± 1.7
Female	27.2	± 3.1	23.5	± 2.7	28.9	± 4.0	26.1	± 3.5	26.1	± 1.7
Grade										
7	3.6	± 1.5	3.4	± 2.1	3.6	± 1.8	3.1	± 2.1	3.5	± 1.0
9	21.1	± 3.7	19.4	± 4.6	21.9	± 4.5	16.6	± 4.7	20.3	± 2.3
10	33.8	± 4.1	33.8	± 3.7	37.4	± 7.8	33.1	± 5.9	34.4	± 2.6
12	52.0	± 4.9	43.9	± 5.6	55.1	± 5.3	49.8	± 6.6	49.7	± 2.9
Health Region										
1	25.2	± 3.3	26.6	± 4.9	29.1	± 4.2				
2	27.6	± 3.5	26.6	± 4.5	28.7	± 5.1				
3	31.0	± 4.7	23.0	± 5.2	28.2	± 4.3				
4	31.6	± 3.7	26.7	± 5.6	39.0	± 5.0				
5			28.4	± 4.2						
6			22.3	± 4.5						
7			25.0	± 3.6						

Table 11 *Drunkenness in the 30 days before the survey*
Among students in grades 7, 9, 10 & 12

	NS	NB	NL	PE	Atlantic
	% 99% ci	% 99% ci	% 99% ci	% 99% ci	% 99% ci
Overall	26.7 ± 2.0	23.9 ± 2.0	27.7 ± 2.3	24.4 ± 2.5	25.8 ± 1.1
Gender					
Male	25.7 ± 2.9	24.5 ± 2.7	26.9 ± 3.3	22.6 ± 3.6	25.3 ± 1.6
Female	27.6 ± 3.1	23.3 ± 2.6	28.6 ± 3.4	25.9 ± 3.5	26.2 ± 1.7
Grade					
7	5.2 ± 2.3	3.4 ± 1.9	4.9 ± 2.5	2.8 ± 1.9	4.4 ± 1.2
9	22.1 ± 3.7	20.6 ± 3.9	24.5 ± 4.4	17.0 ± 4.7	21.7 ± 2.2
10	32.9 ± 4.4	31.1 ± 3.6	34.7 ± 5.9	31.2 ± 5.8	32.5 ± 2.4
12	46.0 ± 4.9	39.5 ± 5.4	45.5 ± 5.0	44.6 ± 6.2	43.6 ± 2.8
Health Region					
1	23.7 ± 3.4	25.7 ± 5.0	27.4 ± 3.4		
2	27.3 ± 3.4	26.0 ± 3.8	25.4 ± 5.4		
3	31.6 ± 5.5	22.2 ± 4.6	26.9 ± 4.2		
4	29.2 ± 3.8	22.4 ± 4.6	35.7 ± 5.5		
5		23.9 ± 4.5			
6		19.6 ± 4.3			
7		23.3 ± 4.1			

Table 12 *How the student got alcohol the last time he/she drank*
Among students less than 19 years of age

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Bought it him/herself	4.5	±1.1	5.4	±1.2	6.9	±1.5	4.1	±1.2	5.2	±0.5
Friend bought it for him/her	36.3	±2.2	31.3	±2.7	41.2	±3.0	37.3	±3.0	35.6	±1.4
Friend offered	20.7	±2.4	20.4	±2.4	19.9	±2.7	21.6	±3.0	20.5	±1.4
Parents offered	19.6	±2.6	27.7	±2.7	16.6	±3.0	19.1	±3.0	21.7	±1.6
Other adult offered	5.7	±1.3	6.6	±1.4	5.0	±1.7	5.8	±1.5	5.9	±0.8
Got it at home without permission	13.2	±1.8	8.7	±1.5	10.3	±2.0	12.1	±2.3	11.0	±1.0

CIGARETTE SMOKING

In 2007, about 27% of students in grades 7, 9, 10 and 12 in the Atlantic provinces reported they had smoked at least one whole cigarette at some time in their life (Table 13), with the average age at the first whole cigarette being about 12.8 years (Table 14).

About 15% of all adolescent students reported having smoked cigarettes during the course of the year (Table 15). A multivariate logistic regression using NS as the comparison group revealed that the prevalence of cigarette smoking was significantly lower among NB students. Male and female students were equally likely to have smoked. The proportions of students who smoked cigarettes increased with increasing grade.

In 2007, about 12% of junior and senior high school students in the Atlantic provinces smoked 10 or fewer cigarettes per day, and about 3% smoked more than 10 cigarettes per day (Table 16). In general, male and female students did not differ as to their pattern of cigarette smoking.

The legal age of purchase of cigarettes is 19 years in all four Atlantic provinces. In 2007, about 5% of students reported having used fake identification or having lied about their age in order to obtain cigarettes (Table 17). This behaviour was significantly more common among male students and students in grade 12.

About 59% of students who reported having smoked cigarettes during the 12 months before the survey indicated they had tried to quit smoking at some time in the previous six months (Table 18). This percentage did not differ according to province of residence, gender or grade.

Table 13 *Prevalence of lifetime smoking at least one whole cigarette Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	28.1	± 2.7	23.9	± 2.6	29.5	± 2.9	24.7	± 3.2	26.7	± 1.5
Gender										
Male	27.8	± 3.5	24.8	± 3.5	30.2	± 3.8	26.2	± 4.0	27.2	± 2.0
Female	28.4	± 3.7	23.1	± 2.9	28.7	± 4.2	23.2	± 3.6	26.3	± 1.9
Grade										
7	9.7	± 3.5	7.8	± 3.8	9.2	± 3.5	6.4	± 2.9	8.8	± 2.0
9	30.0	± 5.6	25.0	± 4.7	29.5	± 6.9	23.8	± 7.6	27.8	± 3.1
10	30.3	± 5.7	29.6	± 5.1	33.6	± 6.4	29.8	± 6.4	30.6	± 3.1
12	41.9	± 6.2	32.2	± 6.4	44.3	± 5.3	37.0	± 7.1	38.7	± 3.5
Health Region										
1	25.0	± 4.3	22.1	± 5.5	26.1	± 4.6				
2	34.1	± 5.8	25.9	± 5.9	29.2	± 4.1				
3	29.0	± 6.2	19.6	± 6.1	35.4	± 4.7				
4	27.0	± 5.7	24.0	± 4.6	42.1	± 7.9				
5			31.5	± 5.2						
6			28.7	± 5.9						
7			25.1	± 5.2						

Table 14 *Average age of smoking one's first whole cigarette Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci
Overall	12.9	±0.3	12.9	±0.3	12.6	±0.3	13.2	±0.5	12.8	±0.1
Gender										
Male	12.7	±0.5	12.7	±0.5	12.6	±0.6	13.1	±0.8	12.7	±0.1
Female	13.0	±0.5	13.0	±0.5	12.7	±0.4	13.1	±0.7	13.0	±0.1
Grade										
7	11.4	±0.7	11.3	±0.5	11.4	±0.7	11.9	±2.0	11.4	±0.2
9	12.7	±0.5	12.6	±0.5	12.4	±0.5	12.7	±0.6	12.6	±0.1
10	13.2	±0.5	13.2	±0.6	12.8	±0.5	13.2	±0.8	13.1	±0.2
12	14.2	±0.7	14.3	±0.7	13.8	±0.8	14.7	±0.8	14.2	±0.2
Health Region										
1	13.1	±0.5	12.9	±0.6	12.7	±0.5				
2	12.7	±0.4	12.8	±0.6	12.5	±0.6				
3	12.7	±0.8	13	±0.9	12.5	±0.4				
4	12.8	±.07	12.8	±0.7	12.6	±0.5				
5			12.8	±0.6						
6			13	±0.7						
7			12.8	±0.5						

Table 15 *Any cigarette smoking in the previous 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	16.2	± 2.1	12.8	± 1.9	16.9	± 2.3	14.5	± 2.4	15.0	± 1.2
Gender										
Male	15.7	± 2.6	13.3	± 2.7	17.0	± 2.8	15.7	± 3.1	15.2	± 1.5
Female	16.5	± 2.9	12.3	± 2.1	16.6	± 3.2	13.2	± 2.8	14.8	± 1.5
Grade										
7	4.1	± 2.1	3.3	± 1.8	3.3	± 1.7	2.5	± 2.0	3.5	± 1.1
9	16.5	± 4.2	13.4	± 3.4	17.3	± 4.2	13.2	± 5.1	15.4	± 2.2
10	18.6	± 4.1	16.6	± 4.7	20.5	± 5.3	16.9	± 4.9	18.2	± 2.5
12	25.2	± 5.8	17.1	± 4.3	25.6	± 5.7	24.3	± 6.1	22.4	± 3.0
Health Region										
1	14.8	± 3.3	11.8	± 3.7	14.0	± 3.4				
2	18.8	± 4.0	13.7	± 4.2	16.6	± 3.4				
3	17.3	± 5.5	11.9	± 4.8	22.0	± 4.5				
4	15.3	± 5.1	12.5	± 4.3	27.7	± 8.7				
5			16.3	± 4.0						
6			14.1	± 5.0						
7			11.1	± 3.8						

Table 16 *Pattern of cigarette smoking in the previous 12 months Among students in grades 7, 9, 10 & 12*

	Number Cigarettes Per Day	NS %	NS 99% ci	NB %	NB 99% ci	NL %	NL 99% ci	PE %	PE 99% ci	Atlantic %	Atlantic 99% ci
Overall	1-10/day	13.3	± 1.7	10.7	± 1.7	13.3	± 1.9	12.0	± 2.0	12.3	± 1.0
	11+/day	2.8	± 0.8	2.1	± 0.6	3.6	± 1.0	2.5	± 0.9	2.7	± 0.4
Gender											
Male	1-10/day	12.5	± 2.3	10.9	± 2.4	12.5	± 2.3	12.7	± 2.7	12.0	± 1.3
	11+/day	3.2	± 1.1	2.4	± 0.9	4.5	± 1.6	3.0	± 1.3	3.2	± 0.6
Female	1-10/day	14.1	± 2.4	10.5	± 2.0	14.0	± 2.9	11.2	± 2.4	12.6	± 1.3
	11+/day	2.4	± 1.1	1.8	± 0.8	2.6	± 1.0	2.0	± 1.0	2.2	± 0.5
Grade											
7	1-10/day	3.4	± 1.9	2.8	± 1.5	3.0	± 1.6	2.3	± 2.0	3.1	± 1.0
	11+/day	0.7	± 0.6	0.4	± 0.6	0.3	± 0.4	0.2	± 0.4	0.5	± 0.3
9	1-10/day	14.4	± 3.6	11.7	± 3.3	14.1	± 3.7	12.1	± 4.8	13.3	± 2.0
	11+/day	2.1	± 1.4	1.7	± 0.8	3.2	± 1.4	1.1	± 1.0	2.1	± 0.7
10	1-10/day	15.8	± 3.7	13.7	± 4.4	15.6	± 4.6	13.0	± 3.9	14.8	± 2.3
	11+/day	2.9	± 1.3	2.9	± 1.2	4.8	± 2.5	3.8	± 2.0	3.3	± 0.8
12	1-10/day	19.4	± 3.8	13.8	± 3.4	19.7	± 4.4	19.7	± 4.5	17.6	± 2.1
	11+/day	5.8	± 2.7	3.3	± 1.7	5.9	± 2.6	4.6	± 2.6	4.9	± 1.3
Health Region											
1	1-10/day	12.6	± 2.7	9.2	± 2.9	10.9	± 2.9				
	11+/day	2.1	± 1.2	2.5	± 1.4	3.1	± 1.4				
2	1-10/day	14.7	± 3.0	11.9	± 4.0	12.5	± 2.5				
	11+/day	4.2	± 1.8	1.8	± 1.1	4.1	± 2.2				
3	1-10/day	15.1	± 5.0	10.7	± 4.5	17.2	± 3.3				
	11+/day	2.3	± 1.6	1.2	± 1.1	4.8	± 2.6				
4	1-10/day	12.0	± 3.5	11.2	± 4.2	23.9	± 7.2				
	11+/day	3.3	± 2.3	1.4	± 0.9	3.8	± 2.6				
5	1-10/day			12.7	± 3.4						
	11+/day			3.7	± 1.8						
6	1-10/day			10.8	± 4.0						
	11+/day			3.3	± 2.1						
7	1-10/day			9.0	± 3.2						
	11+/day			2.1	± 1.2						

Table 17 *Use of fake identification to obtain tobacco products Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.1	± 1.2	4.4	± 1.1	5.5	± 1.1	5.3	± 1.3	5.4	± 0.6
Gender										
Male	7.9	± 1.8	5.9	± 1.8	6.8	± 1.7	7.0	± 1.9	7.0	± 1.0
Female	4.4	± 1.4	2.9	± 0.9	4.2	± 1.4	3.8	± 1.3	3.8	± 0.7
Grade										
7	1.3	± 1.2	0.9	± 0.9	0.8	± 0.7	0.7	± 0.8	1.0	± 0.6
9	4.6	± 2.1	2.8	± 1.4	4.0	± 1.4	3.9	± 2.5	3.8	± 1.0
10	5.8	± 2.2	4.4	± 2.5	5.6	± 2.4	4.8	± 2.6	5.3	± 1.3
12	12.9	± 3.8	9.3	± 2.9	11.6	± 3.2	11.7	± 3.4	11.3	± 1.9
Health Region										
1	6.4	± 1.9	4.2	± 2.0	5.4	± 1.6				
2	6.6	± 2.1	4.7	± 2.7	4.6	± 1.8				
3	5.5	± 2.5	3.9	± 2.5	5.6	± 2.1				
4	5.5	± 3.7	5.3	± 2.7	8.3	± 3.7				
5			4.7	± 2.0						
6			4.2	± 1.7						
7			4.4	± 2.1						

Table 18 *Tried to quit smoking in the previous 6 months*
Among students who smoked in previous 12 months

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	54.4	± 7.6	62.8	± 7.5	64.1	±11.3	53.0	±14.5	59.0	± 4.6
Gender										
Male	47.5	±10.9	61.5	± 9.1	66.1	±16.7	53.3	±16.2	56.2	± 6.4
Female	62.0	±10.1	64.2	± 9.0	61.4	±14.3	52.8	±17.8	62.1	± 5.8
Grade										
7	40.7	±25.8	73.1	±23.7	53.2	±46.1	44.4	±57.0	54.3	±16.1
9	58.9	±10.1	62.4	±10.5	70.6	± 7.4	52.8	±15.1	62.0	± 5.6
10	62.4	± 9.3	65.4	±12.1	70.2	± 7.3	62.9	±13.9	64.9	± 5.7
12	54.2	±11.0	50.5	±11.0	60.9	± 9.2	50.3	±13.1	54.0	± 6.0
Health Region										
1	51.2	±10.9	60.8	±16.1	59.9	±19.4				
2	51.2	±17.9	73.2	±12.4	76.2	± 7.3				
3	60.7	±20.9	53.9	±22.6	63.1	± 9.8				
4	61.2	±15.6	57.8	±16.4	65.8	± 8.4				
5			61.3	±17.7						
6			60.7	±14.0						
7			71.8	± 8.4						

CANNABIS USE

In 2007, about 33% of students in grades 7, 9, 10 and 12 in the Atlantic provinces reported they had used cannabis at least once in their life time (Table 19), with the average age at first cannabis use being about 13.5 years (Table 20).

In 2007, about 29% of junior and senior high school students reported having used cannabis at least once during the year (Table 21). A multivariate logistic model using NS as the comparison group revealed that the prevalence of cannabis use was significantly lower among students residing in NB and PE, and among female students. The prevalence of cannabis use increased with increasing grade.

In the 30 days before the 2007 survey, 4.5% of junior and senior high school students used cannabis on a daily basis, and 12% used cannabis but less often than daily (Table 22). Multivariate regressions using NS as the comparison group showed that students residing in NB and PE, and female students, had lower prevalence rates of any cannabis use as well as lower rates of daily cannabis use.

Table 19 *Prevalence of lifetime use of cannabis Among students in grades 7, 9, 10 &12*

	NS	NB	NL	PE	Atlantic
	% 99% ci	% 99% ci	% 99% ci	% 99% ci	% 99% ci
Overall	36.8 ± 2.7	30.7 ± 2.7	34.2 ± 2.6	24.9 ± 3.0	33.4 ± 1.5
Gender					
Male	39.4 ± 3.7	33.2 ± 3.3	35.2 ± 3.9	27.4 ± 3.9	35.7 ± 2.0
Female	34.3 ± 3.7	28.3 ± 3.3	33.4 ± 3.7	22.7 ± 3.4	31.2 ± 2.0
Grade					
7	6.0 ± 2.7	4.9 ± 2.8	4.2 ± 1.8	3.1 ± 2.2	5.1 ± 1.5
9	35.7 ± 6.1	26.7 ± 6.6	31.3 ± 3.7	18.1 ± 6.4	30.5 ± 3.4
10	42.2 ± 6.1	38.7 ± 4.7	42.8 ± 6.5	31.3 ± 6.5	40.4 ± 3.2
12	62.6 ± 5.8	51.7 ± 6.0	56.9 ± 6.9	45.4 ± 6.7	56.6 ± 3.3
Health Region					
1	35.0 ± 4.3	29.8 ± 5.9	35.0 ± 4.0		
2	36.9 ± 4.6	34.0 ± 4.9	31.9 ± 4.7		
3	40.2 ± 7.2	29.3 ± 7.7	33.5 ± 4.1		
4	38.5 ± 6.9	28.9 ± 5.5	35.6 ± 5.8		
5		31.8 ± 5.3			
6		28.2 ± 4.1			
7		31.7 ± 5.3			

Table 20 *Average age at first use of cannabis*
Among students in grades 7, 9, 10 and 12

	NS		NB		NL		PE		Atlantic	
	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci	Yrs	99% ci
Overall	13.5	±0.2	13.5	±0.2	13.5	±0.2	13.7	±0.6	13.5	±0.1
Gender										
Male	13.3	±0.4	13.4	±0.5	13.3	±0.4	13.8	±0.9	13.3	±0.1
Female	13.8	±0.5	13.7	±0.3	13.7	±0.6	13.7	±0.8	13.7	±0.1
Grade										
7	11.9	±0.5	12.1	±0.7	12.0	±0.4	12.2	±2.3	12.0	±0.2
9	13.2	±0.3	13.2	±0.4	13.3	±0.3	13.5	±0.4	13.2	±0.1
10	13.9	±0.4	13.9	±0.4	13.8	±0.6	14.0	±0.6	13.9	±0.1
12	14.9	±0.6	14.8	±0.6	14.8	±0.6	15.2	±0.5	14.9	±0.2
Health Region										
1	13.5	±0.4	13.4	±0.6	13.5	±0.4				
2	13.4	±0.4	13.4	±0.6	13.5	±0.5				
3	13.5	±0.6	13.5	±0.4	13.5	±0.3				
4	13.5	±0.5	13.7	±0.5	13.5	±0.5				
5			13.5	±0.6						
6			13.9	±0.8						
7			13.5	±0.4						

Table 21 *Any cannabis use in the past 12 months*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	32.4	± 2.5	27.1	± 2.5	29.5	± 2.7	21.3	± 2.7	29.3	± 1.4
Gender										
Male	35.8	± 3.5	28.9	± 3.0	30.4	± 3.7	24.2	± 3.7	31.6	± 1.9
Female	29.3	± 3.4	25.3	± 3.3	28.8	± 3.9	18.7	± 3.2	27.1	± 1.9
Grade										
7	5.6	± 2.6	4.3	± 2.8	3.8	± 1.7	2.5	± 1.8	4.6	± 1.4
9	31.4	± 4.8	23.8	± 6.0	28.9	± 3.3	16.6	± 5.9	27.3	± 2.9
10	38.9	± 6.0	34.7	± 4.1	36.5	± 5.9	28.0	± 6.3	36.2	± 3.0
12	53.1	± 5.5	44.5	± 6.0	47.2	± 8.4	36.5	± 5.8	47.9	± 3.4
Health Region										
1	30.6	± 3.8	27.2	± 5.5	30.1	± 4.3				
2	32.5	± 4.2	29.8	± 5.0	27.7	± 4.7				
3	35.3	± 7.1	26.7	± 6.9	28.8	± 4.3				
4	34.8	± 6.2	23.6	± 4.7	30.7	± 6.1				
5			26.5	± 4.9						
6			24.0	± 3.7						
7			26.0	± 4.9						

Table 22 *Pattern of cannabis use in the 30 days before the survey Among students in grades 7, 9, 10 & 12*

	Pattern Cannabis Use	NS %	NS 99% ci	NB %	NB 99% ci	NL %	NL 99% ci	PE %	PE 99% ci	Atlantic %	Atlantic 99% ci
Overall	< Daily	13.7	± 1.5	11.3	± 1.7	12.2	± 1.9	9.2	± 1.8	12.3	± 0.9
	Daily	5.3	± 1.2	4.0	± 0.9	4.6	± 1.0	2.2	± 0.9	4.5	± 0.6
Gender											
Male	< Daily	15.1	± 2.2	12.0	± 2.2	12.2	± 2.2	11.6	± 2.6	13.2	± 1.2
	Daily	7.6	± 1.9	5.7	± 1.5	6.6	± 1.8	3.2	± 1.3	6.5	± 1.0
Female	< Daily	12.4	± 2.2	10.6	± 2.1	12.3	± 2.9	7.0	± 2.0	11.4	± 1.3
	Daily	3.0	± 1.0	2.3	± 0.9	2.4	± 1.0	1.3	± 0.8	2.5	± 0.5
Grade											
7	< Daily	2.1	± 1.3	1.8	± 1.2	2.2	± 1.7	1.3	± 1.2	2.0	± 0.7
	Daily	0.6	± 0.8	0.5	± 0.7	0.4	± 0.5	0.2	± 0.4	0.5	± 0.4
9	< Daily	15.7	± 3.2	8.7	± 3.5	12.5	± 4.7	7.9	± 3.5	12.1	± 2.0
	Daily	3.3	± 1.8	3.6	± 1.5	4.7	± 2.1	2.1	± 1.5	3.6	± 1.0
10	< Daily	15.3	± 3.4	16.5	± 4.2	15.9	± 3.8	11.9	± 4.3	15.6	± 2.1
	Daily	7.1	± 2.5	4.7	± 1.6	4.3	± 2.0	2.9	± 2.0	5.5	± 1.2
12	< Daily	21.4	± 3.6	17.9	± 4.0	17.5	± 4.3	14.9	± 4.0	19.0	± 2.1
	Daily	10.0	± 3.4	6.8	± 2.8	8.6	± 2.8	3.3	± 2.2	8.2	± 1.7
Health Region											
1	< Daily	13.4	± 2.4	11.4	± 3.6	13.1	± 3.1				
	Daily	5.3	± 1.8	4.0	± 2.3	4.5	± 1.6				
2	< Daily	13.5	± 2.9	11.5	± 4.2	10.4	± 3.0				
	Daily	5.4	± 2.2	5.3	± 2.3	4.2	± 1.8				
3	< Daily	13.8	± 3.8	11.5	± 4.3	11.6	± 3.5				
	Daily	4.6	± 2.4	3.2	± 1.6	5.3	± 2.0				
4	< Daily	14.8	± 3.8	10.8	± 2.9	11.5	± 3.6				
	Daily	5.7	± 3.3	1.9	± 1.4	4.3	± 2.3				
5	< Daily			11.4	± 3.4						
	Daily			5.5	± 2.7						
6	< Daily			10.9	± 2.5						
	Daily			2.9	± 1.6						
7	< Daily			10.7	± 3.8						
	Daily			4.2	± 1.7						

OTHER DRUG USE

In 2007, about 6% of students reported having used MDMA (ecstasy), and psilocybin or mescaline at least once during the year. Less than 5% of students reported having used any LSD, cocaine or crack cocaine, and inhalants during the year. Less than 5% of students reported having used amphetamine, methylphenidate or tranquilizer medication without a doctor's orders. Less than 2% of students reported having used crystal methamphetamine or non-medical steroids during the year. Detailed results pertaining to these substances are shown in Tables 23 to 33.

In general, multivariate logistic regressions with NS as the comparison group showed lower rates in NB and/or PE of the use of any of the above substances. Multivariate models also showed that the use of LSD, psilocybin/mescaline, cocaine or crack cocaine, and steroids was more common among male than female students. With the exception of inhalants, the prevalence of use of the above substances increased with increasing grade. The prevalence of inhalant use was higher in the lower grades.

Table 23 *LSD use in past 12 months*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	3.7	± 0.9	4.3	± 1.2	4.2	± 1.1	2.5	± 0.8	3.9	± 0.6
Gender										
Male	4.6	± 1.4	5.6	± 1.7	5.2	± 1.8	2.7	± 1.2	4.9	± 0.9
Female	2.7	± 1.0	3.2	± 1.3	3.1	± 1.2	2.3	± 1.0	2.9	± 0.6
Grade										
7	1.4	± 0.9	1.2	± 1.5	0.3	± 0.5	0.7	± 0.8	1.1	± 0.6
9	3.9	± 1.7	3.4	± 2.4	4.4	± 2.4	3.1	± 1.8	3.8	± 1.2
10	3.8	± 1.7	5.7	± 2.0	3.4	± 1.9	3.1	± 1.6	4.3	± 1.0
12	5.5	± 2.4	7.0	± 3.0	8.5	± 3.0	2.8	± 1.7	6.4	± 1.5
Health Region										
1	2.8	± 1.2	3.5	± 2.1	4.9	± 1.8				
2	2.9	± 1.1	7.4	± 3.5	2.9	± 1.4				
3	3.3	± 2.0	5.2	± 2.4	3.3	± 1.5				
4	7.2	± 3.3	1.3	± 1.3	3.6	± 2.4				
5			1.8	± 1.0						
6			1.6	± 1.2						
7			2.3	± 1.7						

Table 24 *Non-medical amphetamine use in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	3.6	± 0.9	2.4	± 0.6	3.2	± 0.9	3.4	± 0.9	3.1	± 0.5
Gender										
Male	3.7	± 1.2	2.3	± 0.9	3.0	± 1.3	3.2	± 1.2	3.0	± 0.6
Female	3.5	± 1.2	2.6	± 0.9	3.5	± 1.5	3.7	± 1.4	3.2	± 0.6
Grade										
7	1.0	± 0.8	0.6	± 0.6	0.7	± 0.9	0.7	± 0.8	0.8	± 0.4
9	3.8	± 1.9	1.6	± 0.8	4.1	± 2.2	2.6	± 1.6	3.0	± 0.9
10	4.2	± 1.5	3.3	± 1.6	3.2	± 1.6	4.7	± 1.5	3.8	± 0.9
12	5.1	± 2.5	4.1	± 1.8	4.7	± 1.9	5.3	± 2.7	4.7	± 1.2
Health Region										
1	3.5	± 1.4	2.6	± 1.5	3.3	± 1.4				
2	3.4	± 1.9	2.0	± 1.6	2.9	± 1.7				
3	3.6	± 1.8	2.4	± 1.4	3.1	± 1.7				
4	4.0	± 2.3	1.7	± 1.2	3.7	± 1.5				
5			2.0	± 1.4						
6			2.5	± 1.2						
7			4.6	± 2.1						

Table 25 *Non-medical methylphenidate use in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	4.6	± 1.1	2.3	± 0.7	5.1	± 1.3	4.9	± 1.2	4.0	± 0.6
Gender										
Male	4.8	± 1.5	2.6	± 1.1	5.9	± 1.7	4.7	± 1.7	4.3	± 0.8
Female	4.3	± 1.5	2.0	± 0.8	4.3	± 1.6	5.2	± 1.7	3.6	± 0.7
Grade										
7	1.8	± 1.6	0.7	± 0.6	1.0	± 1.1	1.0	± 1.3	1.2	± 0.7
9	6.0	± 2.8	2.2	± 1.1	7.6	± 3.5	4.6	± 1.8	4.9	± 1.3
10	5.6	± 2.0	3.6	± 2.0	4.9	± 2.0	7.3	± 3.0	4.9	± 1.1
12	4.8	± 2.5	2.5	± 1.5	6.7	± 2.5	6.4	± 3.0	4.5	± 1.2
Health Region										
1	5.1	± 2.0	2.3	± 1.6	5.6	± 2.0				
2	4.1	± 1.6	2.7	± 1.8	3.9	± 2.1				
3	6.2	± 3.3	3.0	± 1.7	6.1	± 2.3				
4	2.9	± 2.3	0.9	± 1.0	2.8	± 1.9				
5			2.3	± 1.6						
6			1.4	± 1.0						
7			1.1	± 0.8						

Table 26 *Non-medical use of amphetamine or methylphenidate in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.6	± 1.4	4.1	± 0.8	6.5	± 1.4	6.3	± 1.4	5.7	± 0.7
Gender										
Male	6.8	± 1.8	4.3	± 1.2	6.7	± 1.9	5.8	± 1.8	5.9	± 0.9
Female	6.2	± 1.8	4.0	± 1.1	6.2	± 2.0	6.7	± 1.9	5.5	± 0.9
Grade										
7	2.5	± 1.7	1.2	± 1.0	1.6	± 1.3	1.5	± 1.5	1.8	± 0.8
9	7.9	± 3.3	3.2	± 1.1	8.9	± 3.9	5.4	± 2.3	6.3	± 1.6
10	7.4	± 2.1	6.2	± 2.2	6.4	± 2.5	9.5	± 3.2	7.0	± 1.2
12	8.2	± 3.4	5.7	± 2.1	8.7	± 2.5	8.0	± 3.2	7.4	± 1.6
Health Region										
1	6.9	± 2.3	4.5	± 2.0	6.8	± 2.2				
2	5.9	± 2.2	4.3	± 1.8	5.7	± 2.5				
3	7.6	± 3.2	4.2	± 2.0	7.3	± 2.3				
4	5.9	± 3.2	2.3	± 1.4	4.7	± 1.8				
5			3.4	± 1.6						
6			3.4	± 1.3						
7			5.1	± 2.2						

Table 27 *Methamphetamine (crystal meth, speed) use in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	1.6	± 0.6	2.1	± 0.5	2.4	± 0.7	1.2	± 0.5	1.9	± 0.3
Gender										
Male	1.5	± 0.7	2.7	± 0.9	2.7	± 1.0	1.3	± 0.8	2.1	± 0.5
Female	1.8	± 0.9	1.6	± 0.6	2.0	± 0.9	1.0	± 0.6	1.7	± 0.4
Grade										
7	1.1	± 1.0	0.7	± 0.7	0.8	± 0.7	0.8	± 1.1	0.9	± 0.5
9	2.4	± 1.4	2.1	± 1.0	3.8	± 1.8	1.5	± 1.2	2.5	± 0.7
10	2.2	± 1.6	2.2	± 0.9	1.7	± 1.4	0.8	± 0.8	2.0	± 0.7
12	0.8	± 0.9	3.4	± 1.3	3.0	± 1.5	1.7	± 1.1	2.2	± 0.6
Health Region										
1	2.0	± 1.3	1.5	± 1.2	2.1	± 1.1				
2	1.5	± 1.0	1.5	± 1.0	2.7	± 1.3				
3	1.1	± 0.9	1.3	± 0.9	2.2	± 1.2				
4	1.3	± 1.1	3.7	± 2.0	3.9	± 1.9				
5			5.1	± 2.4						
6			4.0	± 1.6						
7			3.0	± 1.6						

Table 28 *MDMA (ecstasy) use in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.9	± 1.4	5.2	± 1.1	7.2	± 1.4	3.4	± 1.1	6.2	± 0.7
Gender										
Male	7.0	± 2.0	5.3	± 1.4	7.2	± 2.2	3.8	± 1.3	6.2	± 1.0
Female	6.8	± 1.7	5.2	± 1.5	7.2	± 1.9	3.1	± 1.4	6.0	± 0.9
Grade										
7	0.8	± 0.7	1.0	± 1.1	1.0	± 1.2	0.3	± 0.6	0.9	± 0.5
9	6.7	± 2.0	3.9	± 1.7	5.8	± 2.8	3.6	± 2.4	5.4	± 1.1
10	8.6	± 3.1	6.3	± 2.6	7.5	± 2.6	4.4	± 2.4	7.3	± 1.6
12	11.3	± 4.2	9.7	± 3.2	14.2	± 3.8	5.0	± 2.4	10.9	± 2.1
Health Region										
1	5.3	± 2.0	6.5	± 3.0	7.9	± 2.2				
2	7.6	± 2.3	6.0	± 2.2	6.4	± 2.0				
3	10.4	± 4.2	5.1	± 2.7	5.4	± 2.2				
4	7.3	± 4.2	4.1	± 2.2	7.5	± 3.3				
5			4.5	± 2.6						
6			2.4	± 1.6						
7			4.1	± 1.8						

Table 29 *Cocaine or crack cocaine use in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	4.3	± 1.1	2.9	± 0.8	5.3	± 1.3	3.4	± 1.0	4.0	± 0.6
Gender										
Male	4.6	± 1.7	3.3	± 1.2	6.5	± 2.1	4.3	± 1.5	4.5	± 0.9
Female	4.0	± 1.2	2.5	± 0.9	4.0	± 1.5	2.5	± 1.0	3.4	± 0.6
Grade										
7	1.5	± 1.0	1.5	± 1.4	1.9	± 1.2	0.8	± 1.1	1.5	± 0.7
9	4.1	± 1.6	2.2	± 1.2	5.7	± 3.5	3.3	± 1.8	3.7	± 1.0
10	3.9	± 1.6	2.7	± 1.4	5.4	± 2.7	3.6	± 2.1	3.8	± 1.0
12	7.9	± 3.6	5.0	± 2.6	8.1	± 2.2	5.5	± 2.5	6.8	± 1.7
Health Region										
1	4.1	± 1.6	3.1	± 1.9	6.0	± 2.1				
2	4.4	± 1.8	2.9	± 1.8	4.1	± 1.7				
3	4.8	± 3.1	3.1	± 2.2	4.4	± 1.8				
4	4.5	± 3.0	2.1	± 1.5	5.5	± 2.2				
5			2.6	± 1.6						
6			2.2	± 1.3						
7			3.3	± 2.1						

Table 30 *Psilocybin or mescaline use in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	7.7	± 1.4	5.5	± 1.2	4.2	± 0.9	4.9	± 1.3	6.1	± 0.7
Gender										
Male	10.3	± 2.3	7.0	± 1.6	5.0	± 1.3	6.4	± 1.9	7.9	± 1.1
Female	5.1	± 1.4	4.1	± 1.4	3.4	± 1.2	3.5	± 1.5	4.3	± 0.8
Grade										
7	1.5	± 1.2	1.7	± 1.4	0.9	± 0.9	0.8	± 0.9	1.4	± 0.7
9	5.8	± 1.7	3.6	± 1.7	5.0	± 1.6	2.9	± 1.6	4.7	± 0.9
10	9.2	± 2.7	6.6	± 2.8	4.2	± 1.8	7.2	± 3.4	7.2	± 1.5
12	14.0	± 4.4	10.1	± 3.0	6.5	± 2.5	8.0	± 3.1	10.8	± 2.0
Health Region										
1	7.1	± 2.0	4.8	± 2.4	3.0	± 1.1				
2	7.8	± 2.0	8.5	± 3.2	6.0	± 2.3				
3	8.2	± 3.1	5.0	± 2.4	4.8	± 2.2				
4	8.5	± 4.5	3.9	± 1.9	7.1	± 3.3				
5			5.3	± 2.4						
6			3.1	± 1.9						
7			4.5	± 1.9						

Table 31 *Inhalant use in the past 12 months*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	4.4	± 1.0	2.6	± 0.6	4.4	± 1.0	3.6	± 1.1	3.7	± 0.5
Gender										
Male	4.2	± 1.3	2.6	± 0.9	3.6	± 1.3	3.8	± 1.4	3.5	± 0.7
Female	4.5	± 1.5	2.7	± 0.9	5.3	± 1.6	3.4	± 1.5	3.9	± 0.7
Grade										
7	6.5	± 2.6	2.2	± 1.1	3.8	± 2.0	3.8	± 2.8	4.3	± 1.2
9	7.2	± 2.7	2.8	± 1.2	7.8	± 2.6	5.8	± 2.9	5.7	± 1.3
10	2.7	± 1.4	4.2	± 1.7	3.8	± 2.0	3.7	± 1.9	3.5	± 0.9
12	1.2	± 1.1	1.3	± 0.9	2.0	± 1.4	1.1	± 0.9	1.4	± 0.6
Health Region										
1	5.0	± 1.8	3.2	± 1.8	4.4	± 1.6				
2	3.7	± 2.2	2.8	± 1.3	3.8	± 1.5				
3	4.3	± 1.7	2.0	± 1.3	5.3	± 2.1				
4	3.6	± 1.7	2.3	± 1.4	4.4	± 2.3				
5			2.1	± 1.3						
6			2.2	± 1.2						
7			4.0	± 1.7						

Table 32 *Non-medical use of tranquillizers in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	3.0	± 0.8	2.4	± 0.6	3.0	± 0.8	2.3	± 0.7	2.8	± 0.4
Gender										
Male	2.9	± 1.0	2.4	± 0.9	3.2	± 1.3	2.3	± 0.9	2.7	± 0.6
Female	3.2	± 1.2	2.4	± 0.9	2.9	± 1.3	2.3	± 1.0	2.8	± 0.6
Grade										
7	1.2	± 1.1	0.6	± 0.6	0.6	± 0.8	0.7	± 0.8	0.9	± 0.5
9	3.5	± 1.8	2.7	± 1.0	3.8	± 1.4	2.1	± 1.4	3.2	± 0.8
10	4.7	± 1.6	3.0	± 1.4	3.7	± 1.9	2.7	± 1.3	3.8	± 0.9
12	2.5	± 1.5	3.2	± 1.6	3.8	± 2.2	3.6	± 1.8	3.1	± 0.9
Health Region										
1	3.8	± 1.5	1.9	± 1.2	3.5	± 1.4				
2	3.0	± 1.5	2.7	± 1.3	2.0	± 1.0				
3	2.0	± 1.3	2.3	± 1.6	2.8	± 1.6				
4	2.1	± 1.1	2.7	± 1.4	2.7	± 1.6				
5			2.6	± 1.8						
6			2.6	± 1.4						
7			2.7	± 1.8						

Table 33 *Non-medical use of steroids in the past 12 months Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	1.7	± 0.6	1.6	± 0.5	1.5	± 0.6	1.6	± 0.6	1.6	± 0.3
Gender										
Male	2.5	± 1.0	2.8	± 1.0	2.3	± 1.1	2.2	± 1.1	2.6	± 0.5
Female	0.7	± 0.6	0.5	± 0.4	0.6	± 0.5	1.0	± 0.6	0.6	± 0.3
Grade										
7	1.1	± 1.0	1.0	± 1.0	0.8	± 0.9	0.7	± 1.0	1.0	± 0.6
9	1.6	± 0.9	1.0	± 0.6	0.7	± 0.7	2.1	± 1.3	1.2	± 0.4
10	2.4	± 1.4	1.6	± 1.1	3.0	± 1.8	1.2	± 1.0	2.2	± 0.8
12	1.5	± 1.2	2.9	± 1.3	1.2	± 1.1	2.4	± 1.5	2.0	± 0.7
Health Region										
1	1.6	± 0.9	1.2	± 1.2	1.5	± 1.0				
2	1.1	± 0.7	2.0	± 1.2	1.6	± 1.1				
3	2.1	± 1.6	1.3	± 1.1	1.0	± 0.8				
4	2.2	± 1.7	1.7	± 1.4	1.4	± 1.1				
5			1.5	± 1.2						
6			2.3	± 1.2						
7			1.7	± 1.2						

MULTIPLE SUBSTANCE USE

Use of any of 11 illicit substances

In 2007, about 33% of students in grades 7, 9, 10 and 12 reported having used at least one of 11 illicit substances during the course of the year (cannabis, MDMA, psilocybin or mescaline, LSD, cocaine or crack cocaine, inhalants, methamphetamine, non-medical amphetamine, non-medical methylphenidate, non-medical tranquilizers and non-medical steroids) (Table 34).

However, only 3% of students in grades 7, 9, 10 and 12 reported having used an illicit substance exclusive of cannabis. That is, the vast majority of students who used an illicit substance also used cannabis.

The provincial, gender and grade distributions of the use of any illicit substance including cannabis were similar to those of cannabis use (Tables 21 and 34).

Multiple substance use involving alcohol, cannabis & cigarettes

In 2007, 43% of students in grades 7, 9, 10 and 12 in the Atlantic provinces reported they had used none of the 13 substances mentioned in the survey. In comparison, in 2002 and 1998 about 39% and 36% of students, respectively, reported no substance use whatsoever. This upward trend in abstinence from substance use was largely due to decreases in 2002 and 2007 in cigarette smoking and cannabis use.

In 2007, the three most common patterns of multiple substance use were the use of alcohol only (21%), the use of alcohol and cannabis (16%), and the use of alcohol and cannabis and cigarettes (11%) (Table 35). All other patterns of use were reported by 2% or less of students. A multivariate multinomial model showed that compared with students in NS, those residing in NB and PE were more likely to indicate they had used none of the 13 substances mentioned in the survey. Inter-provincial differences in multiple substance use were due largely to differences in cannabis use and cigarette smoking.

Table 34 *Past year use of any illicit substance including cannabis Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	36.0	± 2.6	30.0	± 2.4	33.1	± 2.8	24.9	± 2.9	32.6	± 1.4
Gender										
Male	39.2	± 3.5	32.2	± 3.0	33.5	± 3.8	27.4	± 3.9	34.9	± 1.9
Female	33.0	± 3.6	27.9	± 3.2	32.8	± 4.0	22.5	± 3.4	30.4	± 1.9
Grade										
7	11.6	± 3.5	7.1	± 3.0	8.6	± 3.2	5.9	± 3.0	9.1	± 1.8
9	35.7	± 4.6	27.6	± 5.7	33.7	± 4.0	21.4	± 6.7	31.5	± 2.8
10	41.9	± 6.2	37.4	± 3.9	39.2	± 5.7	31.2	± 6.2	39.1	± 3.0
12	54.0	± 5.6	46.7	± 5.9	49.3	± 8.5	39.1	± 5.8	49.6	± 3.4
Health Region										
1	34.1	± 4.0	30.6	± 5.5	33.7	± 4.4				
2	36.2	± 4.5	32.4	± 4.9	30.9	± 5.0				
3	39.2	± 6.8	29.0	± 6.3	33.2	± 4.4				
4	37.7	± 6.6	25.8	± 5.0	34.0	± 6.3				
5			28.9	± 4.9						
6			28.5	± 4.1						
7			29.6	± 5.1						

Table 35 *Pattern of multiple substance use involving alcohol, cigarettes & cannabis Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
Pattern	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
No substance use	41.6	±2.3	45.0	±2.1	41.4	±2.6	49.3	±2.8	43.2	±1.3
Alcohol but no cigarettes, no cannabis	19.1	±1.8	22.4	±1.9	21.0	±2.2	22.4	±2.0	20.8	±1.1
Alcohol & cannabis but no cigarettes	17.1	±1.8	15.1	±1.8	14.9	±2.0	9.5	±1.7	15.5	±1.0
Alcohol & cigarettes & cannabis	12.5	±1.9	9.7	±1.5	11.8	±1.7	10.1	±1.8	11.3	±0.9
Alcohol & cigarettes but no cannabis	2.0	±0.6	1.9	±0.6	3.2	±0.9	3.3	±0.9	2.3	±0.3
Cigarettes but no alcohol, no cannabis	0.6	±0.3	0.3	±0.2	0.6	±0.3	0.3	±0.3	0.5	±0.2
Cigarettes & cannabis but no alcohol	0.7	±0.3	0.5	±0.3	0.7	±0.4	0.4	±0.3	0.6	±0.2
Cannabis but no alcohol, no cigarettes	2.0	±0.5	1.6	±0.5	1.8	±0.8	1.2	±0.5	1.8	±0.3
No alcohol, no cigarettes, no cannabis but some other substance use	1.2	±0.4	0.8	±0.4	1.4	±0.6	1.1	±0.5	1.1	±0.3

ALCOHOL-RELATED PROBLEMS

This chapter reports on 12 alcohol-related harmful consequences and risky contexts of alcohol use among students in grades 7, 9, 10 and 12 (Tables 36 to 48).

These problem indicators (and percentages of students who reported these) were: motor vehicle collision after drinking (0.7%), school work affected by drinking (2%), trouble with the police (3%), consuming alcohol before or instead of breakfast (5%), driving within one hour of alcohol use (5%), spending on alcohol prevented buying other things (6%), using a fake ID or lying about one's age to get alcohol (7%), tensions with family or friends (8%), having damaged things (10%) and having injured onself (10%) as a result of alcohol use, drinking in a licensed venue (14%), and riding with a drunk driver (19%).

Multivariate logistic regressions using NS as the comparison group revealed significant variation among the Atlantic provinces as to the prevalence of these problem indicators. For example, NB students were found to have significantly lower rates of 7 of the above problems. The prevalence of these 12 behaviours increased with increasing grade. Multivariate logistic regressions showed that more females than males reported tensions with family or friends, spending on alcohol preventing buying other things, injuring themself as a result of drinking, and being a passenger with a drunk driver. More males than females reported trouble with police, having alcohol before or instead of breakfast, damaging things, using a fake ID, drinking in a licensed venue, driving after drinking, and motor vehicle collision after drinking.

Regarding alcohol-driving, 13% of senior high school students with a driver's license reported they had driven after having had alcohol (Table 44). A multivariate logistic model revealed that driving after drinking was more common among males and older students than among their counterparts. The rates of alcohol-driving in the four provinces were found to be essentially the same.

About 19% of students in grades 7, 9, 10 and 12 in the Atlantic provinces reported that on at least one occasion in the previous 12 months, they had been a passenger in a vehicle driven by a driver who had had too much to drink (Table 46). This percentage did not differ across the four provinces. As in 2002, females and students in grades 10 and 12 were more likely to have been a passenger under

these circumstances than were their counterparts.[21]

Table 36 *School work or exams affected by drinking Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	2.7	± 0.6	1.5	± 0.5	2.4	± 0.7	2.7	± 0.7	2.2	± 0.3
Gender										
Male	2.7	± 0.9	1.8	± 0.7	2.6	± 1.2	2.5	± 1.1	2.4	± 0.5
Female	2.6	± 1.0	1.2	± 0.6	2.3	± 1.0	2.9	± 1.1	2.1	± 0.5
Grade										
7	0.6	± 0.6	0.3	± 0.3	0.8	± 0.7	0.7	± 0.8	0.5	± 0.3
9	2.5	± 1.1	1.5	± 0.8	1.8	± 1.0	2.9	± 1.7	2.0	± 0.6
10	2.8	± 1.2	1.9	± 1.1	3.3	± 1.9	3.4	± 1.4	2.6	± 0.7
12	4.8	± 1.6	2.3	± 1.2	3.8	± 1.8	3.7	± 1.8	3.7	± 0.8
Health Region										
1	2.4	± 1.0	1.7	± 1.1	2.5	± 1.2				
2	2.9	± 1.1	1.9	± 1.3	1.7	± 1.2				
3	4.0	± 1.6	0.9	± 0.6	2.3	± 1.1				
4	2.0	± 1.3	1.0	± 0.7	4.3	± 2.0				
5			1.8	± 1.1						
6			1.3	± 1.1						
7			2.1	± 1.2						

Table 37 *Drinking caused tensions or disagreement with family or friends Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	9.1	± 1.4	6.2	± 0.9	8.4	± 1.5	8.1	± 1.4	7.9	± 0.7
Gender										
Male	7.3	± 1.6	5.1	± 1.1	6.6	± 2.1	6.0	± 1.7	6.4	± 0.9
Female	10.9	± 2.3	7.3	± 1.3	10.3	± 1.9	9.9	± 2.0	9.5	± 1.1
Grade										
7	1.4	± 0.9	0.3	± 0.4	1.4	± 0.9	1.3	± 1.0	1.0	± 0.4
9	9.1	± 2.5	5.0	± 1.6	9.1	± 2.3	7.0	± 2.8	7.5	± 1.2
10	12.9	± 3.0	9.6	± 2.2	10.5	± 3.8	11.7	± 2.9	11.3	± 1.6
12	12.7	± 4.0	9.6	± 2.2	12.3	± 3.8	11.4	± 3.5	11.5	± 1.9
Health Region										
1	8.5	± 2.5	6.9	± 2.1	8.8	± 2.4				
2	8.9	± 2.5	7.7	± 2.3	7.0	± 2.5				
3	11.7	± 2.8	6.6	± 1.7	8.4	± 1.6				
4	9.1	± 2.8	3.6	± 1.4	9.2	± 3.2				
5			5.1	± 1.9						
6			3.1	± 1.4						
7			5.3	± 2.1						

Table 38 *Trouble with police as a result of drinking*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	3.6	± 0.8	2.3	± 0.6	3.0	± 0.9	3.4	± 1.0	3.0	± 0.4
Gender										
Male	4.9	± 1.4	2.9	± 0.9	3.9	± 1.5	3.9	± 1.4	4.0	± 0.7
Female	2.2	± 0.9	1.8	± 0.7	2.1	± 0.9	3.0	± 1.3	2.1	± 0.5
Grade										
7	1.0	± 0.9	0.2	± 0.2	0.2	± 0.3	0.3	± 0.6	0.5	± 0.4
9	2.8	± 1.4	2.1	± 1.2	3.4	± 1.6	2.6	± 2.0	2.7	± 0.8
10	4.1	± 1.7	3.4	± 1.4	4.1	± 1.9	4.2	± 2.1	3.9	± 0.9
12	6.4	± 2.3	3.4	± 1.4	4.2	± 2.3	6.2	± 2.4	4.9	± 1.1
Health Region										
1	2.7	± 1.1	3.0	± 1.6	2.8	± 1.3				
2	3.0	± 1.3	2.7	± 1.4	2.6	± 1.4				
3	5.2	± 2.2	1.5	± 0.9	3.5	± 1.7				
4	5.3	± 2.7	1.7	± 1.4	4.6	± 2.8				
5			1.4	± 1.0						
6			1.7	± 1.3						
7			3.1	± 1.3						

Table 39 *Spending on alcohol prevented buying other things Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.6	± 1.2	4.7	± 0.8	8.2	± 1.5	5.3	± 1.3	6.2	± 0.6
Gender										
Male	5.5	± 1.6	3.7	± 1.0	6.1	± 1.7	4.2	± 1.4	5.0	± 0.8
Female	7.6	± 1.9	5.6	± 1.3	10.3	± 2.1	6.2	± 2.0	7.3	± 1.0
Grade										
7	0.4	± 0.4	0.4	± 0.5	1.7	± 1.4	0.3	± 0.6	0.6	± 0.3
9	6.5	± 2.5	3.8	± 1.5	7.0	± 2.5	3.9	± 2.3	5.5	± 1.2
10	8.9	± 2.3	6.8	± 2.0	11.1	± 3.9	8.5	± 3.2	8.6	± 1.4
12	10.5	± 3.6	7.6	± 2.2	12.4	± 3.4	7.8	± 2.9	9.7	± 1.7
Health Region										
1	6.0	± 1.8	4.5	± 1.9	8.5	± 2.3				
2	6.7	± 2.8	5.4	± 2.4	6.4	± 2.9				
3	8.7	± 2.7	3.7	± 1.2	8.3	± 2.8				
4	6.5	± 3.0	5.0	± 2.1	9.9	± 2.9				
5			4.6	± 1.7						
6			5.3	± 1.5						
7			4.8	± 2.1						

Table 40 *Consumed alcohol before or instead of breakfast Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	5.2	± 1.0	3.7	± 0.7	5.2	± 1.1	4.5	± 1.0	4.7	± 0.5
Gender										
Male	5.8	± 1.6	4.7	± 1.1	6.2	± 1.6	5.5	± 1.7	5.5	± 0.8
Female	4.6	± 1.4	2.8	± 0.9	4.1	± 1.4	3.7	± 1.2	3.8	± 0.7
Grade										
7	1.4	± 0.9	1.0	± 0.9	0.7	± 0.9	1.5	± 1.3	1.1	± 0.5
9	5.0	± 1.5	3.1	± 1.3	4.8	± 1.9	4.7	± 2.1	4.3	± 0.8
10	5.4	± 1.9	3.9	± 1.4	5.3	± 2.3	5.2	± 2.2	4.9	± 1.0
12	9.0	± 3.2	6.7	± 1.8	9.9	± 3.0	6.2	± 2.5	8.2	± 1.5
Health Region										
1	4.1	± 1.2	4.2	± 1.8	5.3	± 1.7				
2	6.3	± 1.9	4.2	± 1.4	4.1	± 1.5				
3	4.4	± 2.7	3.2	± 1.5	5.1	± 1.7				
4	7.1	± 3.5	3.2	± 1.9	7.1	± 3.1				
5			3.4	± 1.4						
6			3.1	± 1.5						
7			3.3	± 1.4						

Table 41 *Damaged things when drinking*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	12.3	± 1.7	8.4	± 1.3	9.0	± 1.8	10.7	± 1.7	10.2	± 0.9
Gender										
Male	14.0	± 2.3	9.2	± 1.8	10.8	± 2.8	12.5	± 2.4	11.6	± 1.2
Female	10.8	± 2.0	7.5	± 1.7	7.3	± 2.3	9.0	± 2.2	8.9	± 1.1
Grade										
7	2.8	± 1.5	1.0	± 0.6	1.3	± 1.0	1.1	± 1.2	1.8	± 0.7
9	11.5	± 3.0	7.9	± 2.3	9.1	± 3.5	9.2	± 4.1	9.6	± 1.6
10	16.8	± 4.2	11.3	± 3.2	11.6	± 4.3	13.0	± 3.4	13.7	± 2.2
12	17.8	± 3.8	12.9	± 3.2	13.4	± 4.5	18.4	± 4.0	15.3	± 2.1
Health Region										
1	11.4	± 3.0	8.7	± 2.3	9.4	± 2.9				
2	13.2	± 2.6	10.3	± 3.5	8.2	± 3.2				
3	13.2	± 3.1	8.7	± 3.2	8.5	± 2.3				
4	12.8	± 3.9	5.7	± 2.3	9.1	± 4.1				
5			6.3	± 1.7						
6			5.3	± 1.7						
7			8.0	± 2.5						

Table 42 *Drinking caused one to injure oneself*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	12.5	± 1.7	8.3	± 1.2	10.4	± 1.8	9.1	± 1.5	10.4	± 0.9
Gender										
Male	11.1	± 2.2	8.3	± 2.1	8.9	± 2.4	8.1	± 2.0	9.5	± 1.2
Female	13.9	± 2.2	8.3	± 1.5	12.0	± 3.0	10.0	± 2.3	11.3	± 1.2
Grade										
7	3.2	± 1.9	1.7	± 1.3	1.5	± 1.3	2.1	± 1.2	2.3	± 0.9
9	11.5	± 3.7	7.5	± 1.8	10.2	± 2.9	7.7	± 3.3	9.6	± 1.7
10	15.2	± 3.1	12.2	± 3.3	14.1	± 5.2	10.9	± 3.5	13.7	± 1.9
12	19.9	± 4.1	11.3	± 2.9	15.2	± 3.4	15.1	± 3.1	15.7	± 2.0
Health Region										
1	12.7	± 2.8	8.9	± 2.4	11.0	± 2.9				
2	12.1	± 3.0	9.1	± 3.3	8.7	± 2.8				
3	13.5	± 3.5	8.2	± 2.6	11.1	± 2.6				
4	12.0	± 3.5	7.2	± 2.6	9.5	± 3.4				
5			6.0	± 2.2						
6			6.8	± 2.5						
7			8.2	± 3.2						

Table 43 *Drove within one hour of drinking alcohol Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	5.3	± 1.0	4.8	± 0.9	5.9	± 1.3	6.0	± 1.3	5.3	± 0.6
Gender										
Male	6.8	± 1.8	6.7	± 1.5	7.6	± 2.0	7.2	± 2.0	6.9	± 1.0
Female	3.7	± 1.0	3.1	± 1.0	4.0	± 1.3	4.9	± 1.7	3.6	± 0.6
Grade										
7	1.7	± 1.2	0.6	± 0.4	0.8	± 0.7	1.1	± 1.0	1.1	± 0.5
9	3.1	± 1.2	3.5	± 1.4	4.4	± 1.9	2.9	± 2.3	3.5	± 0.8
10	2.9	± 1.5	4.1	± 1.6	7.0	± 2.6	4.9	± 2.2	4.2	± 0.9
12	13.8	± 3.5	11.1	± 2.9	11.0	± 4.0	15.1	± 4.2	12.4	± 1.9
Health Region										
1	3.7	± 1.2	4.6	± 2.3	4.5	± 1.9				
2	7.1	± 1.9	3.4	± 1.9	5.7	± 2.4				
3	4.9	± 2.1	3.6	± 1.4	6.0	± 2.2				
4	7.0	± 3.7	8.8	± 4.0	14.7	± 4.1				
5			4.9	± 1.5						
6			7.2	± 2.0						
7			7.3	± 2.3						

Table 44 *Drove within one hour of drinking alcohol, among licensed drivers Among students in grades 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	13.6	± 5.5	10.5	± 5.0	16.3	±12.1	15.7	± 4.9	13.2	± 3.5
Gender										
Male	15.3	± 8.3	12.6	± 7.7	18.4	±18.5	19.6	± 7.7	15.0	± 5.3
Female	11.4	± 5.6	6.6	± 3.6	14.2	±11.9	11.4	± 6.3	10.5	± 3.6
Grade										
10	9.0	± 9.2	6.4	± 8.8	16.7	±25.2	13.5	± 8.0	9.7	± 6.3
12	18.6	± 5.6	14.8	± 4.3	16.0	± 5.9	18.1	± 5.0	16.8	± 2.9
Health Region*										

* This indicator is not reported at the level of Health Region due to small cell sizes.

Table 45 *Motor vehicle collision as driver after drinking Among students in grades 7, 9 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	0.6	± 0.4	0.7	± 0.3	0.8	± 0.4	0.8	± 0.5	0.7	± 0.2
Gender										
Male	0.9	± 0.6	1.1	± 0.6	1.2	± 0.7	1.4	± 0.9	1.1	± 0.3
Female	0.2	± 0.2	0.2	± 0.3	0.4	± 0.4	0.3	± 0.4	0.2	± 0.2
Grade										
7	0.8	± 0.6	0.2	± 0.2	0.2	± 0.2	0.5	± 0.7	0.4	± 0.3
9	0.2	± 0.3	1.0	± 0.8	1.0	± 0.9	0.6	± 0.7	0.7	± 0.3
10	0.7	± 1.0	0.5	± 0.6	0.9	± 1.0	0.3	± 0.5	0.7	± 0.5
12	0.7	± 0.8	1.0	± 0.8	0.9	± 0.8	2.0	± 1.5	0.9	± 0.5
Health Region										
1	0.3	± 0.3	0.9	± 1.0	0.6	± 0.6				
2	0.9	± 0.7	0.7	± 0.7	0.4	± 0.5				
3	0.2	± 0.4	0.4	± 0.5	0.8	± 0.7				
4	1.2	± 1.5	0.8	± 0.8	3.0	± 2.1				
5			1.4	± 1.4						
6			0.7	± 0.6						
7			0.3	± 0.4						

Table 46 *Rode with a driver who had been drinking*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	19.2	± 1.9	19.8	± 1.8	16.9	± 2.1	18.3	± 2.2	18.9	± 1.1
Gender										
Male	16.9	± 2.5	18.2	± 2.2	14.8	± 2.5	17.5	± 3.0	17.0	± 1.3
Female	21.4	± 2.9	21.2	± 2.4	19.0	± 3.0	19.1	± 2.8	20.7	± 1.5
Grade										
7	12.4	± 3.0	9.8	± 2.0	9.2	± 3.0	11.8	± 4.1	10.9	± 1.5
9	19.9	± 4.1	21.4	± 2.5	18.4	± 4.0	19.2	± 4.1	20.1	± 2.0
10	22.2	± 3.9	23.3	± 4.1	18.3	± 3.5	20.3	± 4.9	21.7	± 2.2
12	22.0	± 4.4	24.0	± 5.0	21.1	± 5.7	21.0	± 4.6	22.4	± 2.7
Health Region										
1	17.8	± 2.9	21.5	± 3.9	16.6	± 3.2				
2	20.8	± 3.7	20.0	± 4.4	16.0	± 3.9				
3	18.8	± 5.2	14.5	± 3.6	17.7	± 3.2				
4	21.0	± 5.2	24.7	± 6.3	19.2	± 4.6				
5			21.1	± 3.6						
6			22.2	± 4.0						
7			21.1	± 4.3						

Table 47 *Drank in a licensed venue*
Among students in grades 7, 9, 10 & 12

	NS	NB	NL	PE	Atlantic
	% 99% ci	% 99% ci	% 99% ci	% 99% ci	% 99% ci
Overall	12.6 ± 1.6	15.2 ± 1.4	16.8 ± 2.0	12.6 ± 1.7	14.3 ± 0.9
Gender					
Male	13.4 ± 2.1	16.8 ± 2.3	17.4 ± 2.7	12.8 ± 2.5	15.3 ± 1.3
Female	11.6 ± 2.4	13.7 ± 1.8	16.3 ± 3.0	12.5 ± 2.3	13.3 ± 1.3
Grade					
7	2.5 ± 1.7	2.3 ± 1.3	2.8 ± 1.5	1.8 ± 1.6	2.4 ± 0.8
9	7.0 ± 2.5	8.1 ± 1.4	9.0 ± 2.8	6.8 ± 3.0	7.7 ± 1.2
10	9.5 ± 2.4	14.3 ± 2.8	16.1 ± 5.0	9.1 ± 2.6	12.3 ± 1.6
12	31.9 ± 5.1	36.3 ± 4.8	39.7 ± 5.1	32.8 ± 5.3	35.0 ± 2.8
Health Region					
1	12.4 ± 2.5	13.3 ± 2.9	17.0 ± 3.0		
2	13.3 ± 2.8	16.6 ± 3.5	12.9 ± 2.8		
3	13.9 ± 4.2	10.4 ± 3.2	16.3 ± 4.0		
4	11.1 ± 3.9	25.5 ± 3.9	26.0 ± 5.9		
5		19.3 ± 4.0			
6		17.0 ± 3.2			
7		17.1 ± 4.1			

Table 48 *Used a fake ID or lied about age to get alcohol*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.9	± 1.3	6.0	± 1.0	9.9	± 1.6	6.5	± 1.2	7.1	± 0.7
Gender										
Male	7.9	± 1.9	7.5	± 1.6	11.5	± 2.4	7.1	± 2.0	8.4	± 1.0
Female	5.8	± 1.5	4.7	± 1.3	8.3	± 2.7	5.9	± 1.6	5.9	± 0.9
Grade										
7	1.4	± 1.0	0.5	± 0.6	0.8	± 1.1	1.1	± 1.2	0.9	± 0.5
9	3.1	± 1.6	2.7	± 1.1	4.4	± 2.1	3.6	± 2.1	3.2	± 0.8
10	6.1	± 2.3	4.3	± 1.9	9.3	± 2.8	4.2	± 1.6	6.0	± 1.2
12	17.2	± 4.3	16.8	± 3.6	25.2	± 5.2	16.9	± 4.0	18.6	± 2.3
Health Region										
1	6.7	± 2.1	5.9	± 2.2	11.5	± 2.4				
2	6.9	± 2.2	6.1	± 2.3	6.5	± 3.0				
3	7.7	± 2.8	6.2	± 2.7	6.3	± 1.7				
4	6.7	± 3.5	7.0	± 2.7	13.3	± 4.6				
5			7.0	± 2.2						
6			3.8	± 1.8						
7			7.5	± 2.6						

DRUG-RELATED PROBLEMS

This chapter reports on 8 drug-related harmful consequences and high-risk contexts of drug use (Tables 49 to 57).

These drug problem indicators (and the percentages of students who reported these) were: trouble with the police (2%), having damaged things (3%) and having injured onself (3%) as a result of drug use, school work affected by drug use (5%), spending on drugs prevented buying other things (6%), tensions with family or friends (6%), driving after cannabis use (7%), and riding with a driver who had used cannabis (23%).

Multivariate logistic models using NS as the comparison group revealed significant variation among the Atlantic provinces in the prevalence of these drug problem indicators. For example, NB students were found to have significantly lower rates of all but one of the above problems (exception: driving after cannabis use). The prevalence of these problem indicators increased with increasing grade. More males than females reported trouble with police, damaging things as a result of drug use, and cannabis-driving. No gender difference was observed in the prevalence of the remaining harmful consequences of drug use.

Regarding cannabis-driving, 23% of senior high school students with a driver's license indicated they had engaged in this behaviour during the year (Table 56). The rates in the four provinces were essentially the same. Males and older students were more likely than their counterparts to have driven a motor vehicle after having used cannabis. An in-depth study based on data from the 2002 SDUSAP revealed that adolescents who drove after using cannabis were at increased risk of motor vehicle collision.[22]

In 2007, about 23% of students in grades 7, 9, 10 and 12 in the Atlantic provinces reported that on at least one occasion in the previous 12 months, they had been a passenger in a vehicle driven by a person who had used cannabis (Table 57). A multivariate logistic model revealed students in NS to be at the highest risk of having been a passenger under these circumstances. Males and females were equally likely to have ridden with a driver who had used cannabis. The risk of this behaviour increased with increasing age with about 44% of students in grade 12 having been a passenger in a vehicle driven by a person who had used cannabis.

Table 49 *School work or exams affected by drug use*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	5.7	± 1.0	4.2	± 1.0	4.5	± 1.1	3.7	± 1.0	4.8	± 0.6
Gender										
Male	6.4	± 1.6	4.6	± 1.4	4.9	± 1.9	3.9	± 1.4	5.3	± 0.9
Female	5.0	± 1.2	3.8	± 1.1	4.2	± 1.6	3.5	± 1.3	4.3	± 0.7
Grade										
7	1.4	± 1.1	0.8	± 0.9	0.5	± 0.5	1.0	± 1.3	1.0	± 0.6
9	6.1	± 1.9	4.9	± 2.3	5.2	± 2.5	3.6	± 1.9	5.4	± 1.2
10	8.0	± 2.1	5.5	± 1.7	5.2	± 2.1	5.0	± 2.5	6.4	± 1.1
12	7.1	± 2.6	5.1	± 2.5	7.0	± 3.1	4.7	± 1.9	6.3	± 1.5
Health Region										
1	6.0	± 1.5	4.2	± 2.5	4.9	± 1.8				
2	6.1	± 1.9	5.6	± 2.1	3.6	± 1.6				
3	5.5	± 2.3	4.4	± 2.4	4.2	± 1.9				
4	4.7	± 2.8	1.9	± 1.1	5.1	± 3.1				
5			3.1	± 1.8						
6			2.2	± 1.2						
7			4.1	± 2.1						

Table 50 *Drug use caused tensions or disagreement with family or friends Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	7.4	± 1.3	4.9	± 1.1	6.3	± 1.3	4.7	± 1.0	6.2	± 0.7
Gender										
Male	8.2	± 2.0	4.2	± 1.3	5.9	± 1.7	4.4	± 1.4	6.2	± 1.0
Female	6.6	± 1.6	5.5	± 1.4	6.9	± 2.0	4.9	± 1.5	6.2	± 0.9
Grade										
7	1.2	± 0.9	0.6	± 0.8	1.3	± 1.2	1.0	± 1.0	1.0	± 0.5
9	9.2	± 2.7	5.3	± 1.8	7.4	± 3.3	5.0	± 2.3	7.2	± 1.4
10	9.8	± 2.7	7.3	± 3.0	8.3	± 2.9	6.0	± 2.4	8.4	± 1.6
12	9.2	± 3.1	6.0	± 2.2	7.8	± 2.6	6.2	± 1.9	7.6	± 1.5
Health Region										
1	7.6	± 2.0	4.0	± 1.7	6.3	± 2.2				
2	6.3	± 1.9	6.1	± 2.2	6.3	± 1.9				
3	7.5	± 2.4	6.0	± 3.5	6.2	± 1.9				
4	8.4	± 3.7	3.0	± 1.5	6.7	± 2.4				
5			4.9	± 2.2						
6			3.4	± 1.4						
7			4.5	± 1.7						

Table 51 *Had trouble with police as a result of drug use*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	2.6	± 0.8	1.5	± 0.5	1.6	± 0.6	1.8	± 0.7	2.0	± 0.4
Gender										
Male	3.9	± 1.4	2.3	± 0.9	2.3	± 1.0	2.3	± 1.0	2.9	± 0.7
Female	1.3	± 0.7	0.8	± 0.5	0.9	± 0.5	1.3	± 0.9	1.0	± 0.3
Grade										
7	1.1	± 1.0	1.0	± 1.1	0.5	± 0.5	0.3	± 0.6	0.9	± 0.6
9	3.1	± 1.3	1.5	± 0.9	2.2	± 1.3	3.2	± 1.8	2.4	± 0.7
10	3.2	± 1.7	1.5	± 1.0	2.1	± 1.4	1.7	± 1.4	2.3	± 0.8
12	2.9	± 1.9	1.9	± 1.3	1.5	± 1.2	1.7	± 1.3	2.2	± 0.9
Health Region										
1	3.1	± 1.3	1.7	± 1.3	1.2	± 0.8				
2	2.2	± 1.2	2.4	± 1.4	2.4	± 1.3				
3	1.7	± 1.3	0.8	± 0.9	1.6	± 1.4				
4	2.6	± 2.0	0.7	± 0.7	2.1	± 1.8				
5			1.1	± 0.9						
6			0.7	± 0.6						
7			1.6	± 1.2						

Table 52 *Spending on drugs prevented buying other things Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.8	± 1.2	4.3	± 1.0	5.4	± 1.0	3.9	± 0.9	5.5	± 0.6
Gender										
Male	7.9	± 1.8	4.2	± 1.3	5.3	± 1.5	4.1	± 1.2	5.9	± 0.9
Female	5.8	± 1.5	4.3	± 1.2	5.6	± 1.7	3.6	± 1.3	5.1	± 0.8
Grade										
7	0.6	± 0.7	0.8	± 1.0	0.6	± 0.9	0.7	± 1.0	0.7	± 0.5
9	7.7	± 2.2	4.0	± 1.6	5.7	± 1.8	3.9	± 2.0	5.8	± 1.1
10	9.9	± 2.6	5.9	± 2.2	8.3	± 2.7	5.1	± 2.2	7.9	± 1.4
12	8.6	± 3.3	6.1	± 2.8	6.7	± 2.1	5.5	± 1.9	7.2	± 1.7
Health Region										
1	7.1	± 1.7	3.9	± 2.3	5.2	± 1.5				
2	6.2	± 2.0	4.6	± 2.0	6.1	± 2.0				
3	6.1	± 2.5	4.7	± 2.8	5.1	± 1.9				
4	7.4	± 4.1	2.9	± 1.5	5.9	± 2.3				
5			5.1	± 2.1						
6			3.3	± 1.5						
7			4.9	± 2.3						

Table 53 *Damaged things as a result of drug use*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	4.4	± 1.0	2.6	± 0.6	3.2	± 0.9	2.6	± 0.7	3.4	± 0.5
Gender										
Male	6.0	± 1.6	3.4	± 0.9	4.3	± 1.6	3.3	± 1.2	4.6	± 0.8
Female	2.9	± 1.0	1.8	± 0.7	2.0	± 0.9	2.0	± 1.0	2.3	± 0.5
Grade										
7	1.3	± 1.0	0.8	± 0.8	0.7	± 0.8	0.8	± 1.1	1.0	± 0.5
9	5.7	± 2.1	2.3	± 1.0	4.5	± 2.0	3.6	± 1.9	4.1	± 1.0
10	5.4	± 2.2	4.7	± 1.7	3.9	± 2.0	2.6	± 1.3	4.7	± 1.1
12	5.1	± 2.5	2.4	± 1.1	3.4	± 1.8	3.2	± 1.4	3.7	± 1.1
Health Region										
1	4.2	± 1.5	2.1	± 1.3	3.2	± 1.3				
2	4.9	± 2.0	4.1	± 1.7	3.5	± 1.7				
3	5.0	± 2.8	2.2	± 0.9	3.0	± 1.5				
4	4.0	± 2.4	1.4	± 0.8	2.6	± 2.1				
5			2.3	± 1.6						
6			1.8	± 1.3						
7			2.8	± 1.4						

Table 54 *Injured onself as a result of drug use*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	4.0	± 1.0	2.0	± 0.6	3.1	± 0.9	2.8	± 0.8	3.1	± 0.5
Gender										
Male	4.1	± 1.4	1.9	± 0.8	2.5	± 1.1	2.8	± 1.1	3.0	± 0.7
Female	3.9	± 1.2	2.1	± 0.9	3.8	± 1.5	2.9	± 1.2	3.2	± 0.6
Grade										
7	1.4	± 1.1	0.6	± 0.8	0.5	± 0.5	1.0	± 1.1	0.9	± 0.5
9	5.2	± 2.0	2.3	± 1.1	4.3	± 1.9	3.2	± 1.8	3.9	± 0.9
10	4.3	± 2.0	3.0	± 1.7	3.6	± 1.6	2.9	± 1.3	3.6	± 1.0
12	4.9	± 2.3	2.0	± 1.2	3.9	± 2.7	3.9	± 1.6	3.6	± 1.1
Health Region										
1	4.0	± 1.5	1.9	± 1.4	3.1	± 1.5				
2	3.7	± 1.5	2.8	± 1.7	3.2	± 1.6				
3	4.3	± 2.5	1.5	± 1.3	3.4	± 1.5				
4	4.2	± 2.4	1.8	± 1.1	2.6	± 2.0				
5			1.5	± 1.2						
6			1.8	± 1.0						
7			2.0	± 1.3						

Table 55 *Drove a vehicle within an hour of using cannabis*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	7.0	± 1.1	6.6	± 1.1	6.1	± 1.3	5.3	± 1.4	6.6	± 0.6
Gender										
Male	9.0	± 1.9	9.0	± 1.8	7.6	± 1.9	7.6	± 2.3	8.6	± 1.0
Female	4.9	± 1.4	4.4	± 1.2	4.6	± 1.4	3.1	± 1.3	4.6	± 0.7
Grade										
7	0.6	± 0.6	0.6	± 0.7	0.7	± 0.9	0.5	± 0.7	0.6	± 0.4
9	2.2	± 1.2	3.1	± 1.7	3.9	± 1.6	1.9	± 1.6	2.8	± 0.8
10	4.5	± 1.7	4.9	± 1.7	5.0	± 2.0	4.8	± 2.8	4.8	± 1.0
12	21.0	± 4.0	18.0	± 3.8	15.0	± 4.4	13.7	± 4.5	18.3	± 2.2
Health Region										
1	5.8	± 1.5	5.6	± 2.3	5.0	± 2.0				
2	8.2	± 2.2	6.5	± 2.8	7.2	± 2.2				
3	6.7	± 2.7	7.1	± 2.7	6.5	± 2.0				
4	8.4	± 3.4	7.2	± 2.1	10.7	± 3.2				
5			6.5	± 2.2						
6			7.5	± 1.6						
7			7.5	± 2.5						

Table 56 *Drove a vehicle within an hour of using cannabis, among licensed drivers Among students in grades 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	23.1	± 8.3	21.8	± 6.4	29.5	±12.6	16.5	± 5.9	23.3	± 4.5
Gender										
Male	27.9	±13.2	27.4	±10.1	28.6	±21.6	22.8	± 9.2	27.5	± 7.2
Female	16.8	± 8.2	11.6	± 4.4	30.4	±15.9	9.4	± 6.1	17.6	± 5.2
Grade										
10	18.6	±15.0	20.9	±11.4	37.3	±26.3	16.3	±10.1	22.2	± 8.4
12	28.0	± 5.9	22.8	± 5.2	22.8	± 6.0	16.7	± 5.2	24.4	± 3.1
Health Region*										

* This indicator is not reported at the level of Health Region due to small cell sizes.

Table 57 *Rode with a driver who had been using cannabis*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	26.2	± 2.3	22.0	± 2.0	22.2	± 2.4	17.7	± 2.3	23.4	± 1.2
Gender										
Male	25.9	± 3.0	22.1	± 2.9	21.9	± 3.1	18.4	± 3.0	23.3	± 1.7
Female	26.6	± 3.3	21.8	± 2.4	22.6	± 3.3	17.1	± 2.8	23.5	± 1.6
Grade										
7	5.1	± 2.5	3.6	± 2.4	3.2	± 1.6	3.1	± 2.2	4.1	± 1.3
9	21.1	± 4.4	16.3	± 3.4	17.3	± 3.1	10.4	± 4.1	18.0	± 2.2
10	29.7	± 4.2	26.3	± 4.2	24.9	± 6.0	22.9	± 4.9	27.2	± 2.5
12	48.8	± 6.3	41.3	± 5.4	43.0	± 6.4	33.2	± 5.8	44.0	± 3.3
Health Region										
1	25.6	± 3.7	23.5	± 4.9	20.9	± 3.6				
2	27.1	± 4.3	20.7	± 4.7	24.7	± 4.6				
3	27.7	± 6.4	20.6	± 4.1	22.3	± 3.8				
4	25.5	± 4.4	23.0	± 4.1	25.5	± 5.6				
5			24.7	± 4.1						
6			22.6	± 3.3						
7			21.9	± 3.8						

SEXUAL BEHAVIOURS & RISKS

In 2007, about 35% of students in grades 9, 10 and 12 in the Atlantic provinces engaged in either vaginal or anal sex during the course of the year (Table 58). This rate was essentially the same as noted in the 2002 survey.

A multivariate logistic model using NS as the comparison group showed that students residing in PE were significantly less likely to report having engaged in vaginal or anal sex. Although males and females did not differ on bivariate comparisons, taking into account province, grade and gender simultaneously, females were found to have been more likely to have engaged in sex than were male students. The proportions of students engaging in sexual intercourse increased with increasing grade. These results were essentially the same as found in an in-depth study based on data from the 1998 SDUSAP.[23]

In 2007, about 33% of students in grades 9, 10 and 12 who had sex in the previous 12 months indicated that they had had sex without having planned to after using alcohol or drugs, on at least one occasion during the year (Table 59). This rate did not differ significantly according to province or gender. A multivariate logistic regression revealed that grade 12 students were more likely than their younger counterparts to have had unplanned sex after using alcohol or drugs. An in-depth study based on data from the 1998 SDUSAP showed that unplanned intercourse after alcohol or drug use was associated with an increased risk of multiple partners and failure to use a condom.[23]

In 2007, about 61% of students in grades 9, 10 and 12 in the Atlantic provinces reported they had used a latex barrier on the occasion of their most recent sexual intercourse (Table 60). This rate was essentially the same as that reported in 2002. A multivariate logistic regression revealed the rate of condom use to be significantly lower among females than males, and among older than younger students.

Table 58 *Vaginal or anal sex in the past year*
Among students in grades 9, 10 & 12

	NS	NB	NL	PE	Atlantic
	% 99% ci	% 99% ci	% 99% ci	% 99% ci	% 99% ci
Overall	35.2 ± 3.1	35.7 ± 2.5	37.0 ± 3.1	30.6 ± 3.4	35.4 ± 1.6
Gender					
Male	33.1 ± 4.0	32.4 ± 3.2	35.0 ± 3.4	30.9 ± 4.8	33.1 ± 2.1
Female	37.2 ± 3.8	39.0 ± 3.7	38.9 ± 4.6	30.1 ± 4.2	37.7 ± 2.1
Grade					
9	20.3 ± 3.8	21.3 ± 3.7	21.2 ± 4.8	13.0 ± 4.9	20.3 ± 2.2
10	31.5 ± 4.8	31.7 ± 4.0	35.1 ± 6.1	27.4 ± 6.3	32.0 ± 2.6
12	55.0 ± 7.4	55.9 ± 5.4	56.1 ± 5.4	52.5 ± 6.5	55.4 ± 3.6
Health Region					
1	31.7 ± 5.3	34.4 ± 6.0	32.3 ± 4.9		
2	37.9 ± 5.3	35.5 ± 5.0	42.7 ± 5.2		
3	38.1 ± 5.7	30.6 ± 6.0	42.5 ± 5.7		
4	38.0 ± 8.3	41.1 ± 8.8	44.2 ± 6.6		
5		44.2 ± 5.3			
6		40.8 ± 5.7			
7		39.0 ± 5.8			

Table 59 *Unplanned sex after using alcohol or drugs in the past year*
Among students in grades 9, 10 & 12 who had sex in the past year

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	33.2	± 4.1	29.2	± 3.7	35.3	± 4.0	37.2	± 5.2	32.5	± 2.2
Gender										
Male	32.2	± 5.8	28.4	± 5.2	30.1	± 5.3	34.7	± 6.9	30.8	± 3.1
Female	34.3	± 5.3	29.9	± 4.7	39.4	± 5.7	39.3	± 7.9	34.0	± 2.9
Grade										
9	24.9	± 6.1	28.1	± 5.9	27.1	± 7.1	32.8	±11.3	27.0	± 3.5
10	34.8	± 5.6	25.4	± 8.0	33.2	± 6.7	34.9	± 8.4	31.4	± 3.7
12	40.2	± 9.3	34.5	± 5.0	46.3	± 6.9	44.2	± 6.9	39.7	± 4.3
Region										
1	32.0	± 6.4	28.8	± 9.0	35.4	± 6.3				
2	35.9	± 7.8	32.5	± 9.4	35.3	± 7.5				
3	38.3	±10.0	30.6	± 7.3	31.6	± 6.3				
4	28.8	±10.1	25.6	± 8.6	39.7	± 5.5				
5			30.0	± 8.9						
6			21.7	± 6.1						
7			29.4	± 5.6						

Table 60 *Used a condom or latex barrier at most recent sexual intercourse*
Among students in grades 9, 10 & 12 who reported ever having had sex

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	60.6	± 3.6	62.6	± 3.2	61.2	± 4.7	59.4	± 4.9	61.3	± 2.0
Gender										
Male	65.6	± 4.9	66.3	± 4.4	68.5	± 5.4	65.5	± 6.4	66.4	± 2.7
Female	55.7	± 5.2	59.6	± 5.0	54.8	± 6.8	53.0	± 7.3	56.7	± 3.0
Grade										
9	66.1	± 7.7	63.1	± 6.6	64.0	± 9.3	62.5	± 9.1	64.4	± 4.2
10	59.6	± 5.6	63.1	± 5.6	63.4	± 8.9	59.0	± 9.2	61.5	± 3.4
12	55.8	± 5.2	61.7	± 4.2	55.9	± 5.2	56.6	± 6.7	57.9	± 2.7
Region										
1	60.4	± 6.0	61.4	± 7.5	60.2	± 7.9				
2	52.2	± 6.6	62.5	± 6.6	61.0	± 4.4				
3	69.6	± 8.4	58.4	± 8.3	63.6	± 7.8				
4	65.3	± 8.6	70.5	± 5.1	64.0	± 5.7				
5			68.8	± 7.1						
6			66.5	± 7.8						
7			63.5	± 5.4						

ATLANTIC ALCOHOL- & DRUG-RISK CONTINUA

The Atlantic Alcohol Risk Continuum (AARC) and the Atlantic Drug Risk Continuum (ADRC) are population health tools that were developed to monitor the overall level of risk associated with substance use in the general adolescent population.[10] The Risk Continua categorize this population into four mutually exclusive groups of alcohol- or drug-related risk comprising "No", "Low", "Moderate" and "High" risk. The cut-point between Moderate and High risk is based on the criterion of self-reported need for help for use. The AARC and ADRC take into account a total of 21 problem indicators comprising the 12 and 8 reported on in the chapters on Alcohol- and Drug-Related Problems, respectively, and unplanned sex after alcohol or drugs.

Overall in the Atlantic provinces, 6% of the grade 7 students and 19% of students in grades 9, 10 and 12 were found to be at the High Risk end of the continuum of alcohol-related harms and risky contexts of use. Figure 8 shows the Atlantic Alcohol Risk Continuum according to province and grade. A multivariate multinomial logistic model of students in grades 9, 10 and 12 showed that PE students were more likely to have abstained from alcohol use, and that NB students were less likely to be in the High Risk end of the alcohol risk continuum, than were their counterparts in NS.

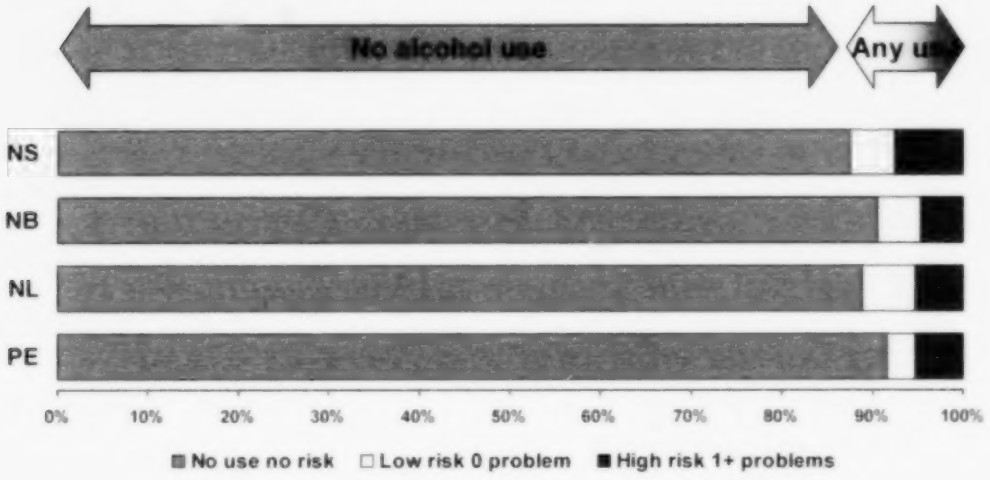
Overall in the Atlantic provinces, 3% of the grade 7 students and 11% of students in grades 9, 10 and 12 were found to be at the High Risk end of the continuum of drug-related harms and risky contexts of use. Figure 9 shows the Atlantic Drug Risk Continuum according to province and grade. A multivariate multinomial logistic model of students in grades 9, 10 and 12 showed that PE students were more likely than their counterparts in NS to have abstained from cannabis use. No significant inter-provincial difference was observed among cannabis users in grades 9, 10 and 12 in the four provinces in terms of Low, Moderate and High Risk associated with cannabis use.

In all provinces, the strongest predictors for being in the High Risk end of the Alcohol- and Drug- Risk Continua were having five or more drinks at a sitting and daily cannabis use, respectively.

Figure 8

Atlantic Alcohol Risk Continuum

Among students in grade 7, by province



Among students in grades 9, 10 & 12, by province

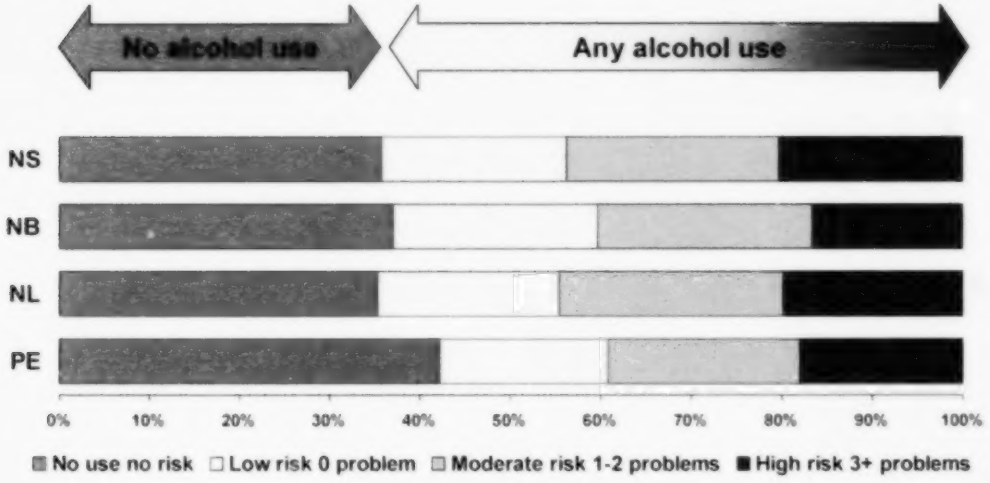
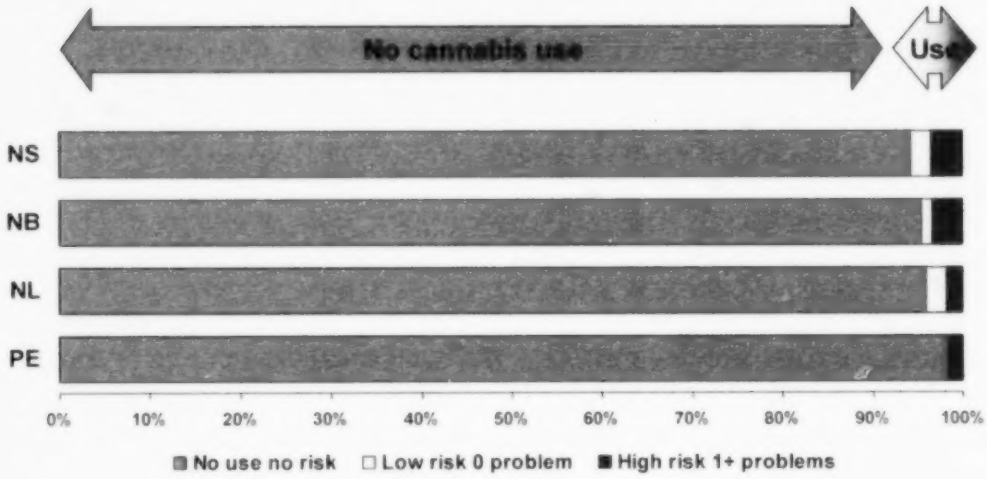


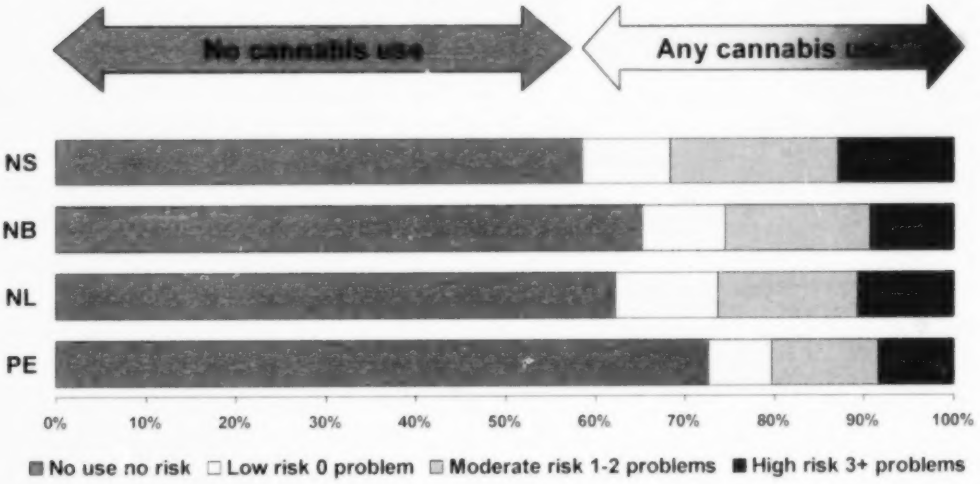
Figure 9

Atlantic Drug Risk Continuum

Among students in grade 7, by province



Among students in grades 9, 10 & 12, by province



GAMBLING

The 2007 survey inquired about students' participation in nine gambling activities played for money (Tables 61 to 69). The gambling activity in which the largest proportion of students participated was scratch tabs (35%), and the least commonly reported gambling activity was Internet gambling for money (4%). Multivariate logistic models using NS as the comparison group showed that the proportions of students who participated in various activities differed significantly across the provinces with participation generally being less prevalent among students residing in NB. Males were more likely than females to play cards for money, bet on sports activities, play Sports Select and other lotteries, and play on video lottery terminals. For all activities except bingo, the prevalence of participation increased with increasing grade.

In addition to inquiring about playing on internet gambling sites for money, the 2007 survey also asked about students' participation in Internet gambling with play money or points. About 25% of students reported having played on Internet gambling sites with play money or points (Table 70). A multivariate logistic model using NS as the comparison group revealed that students residing in PE, female students and students in grade 7 were less likely than their counterparts to have engaged in this activity.

Table 71 shows that in 2007, about 59% of students played in at least one of 9 gambling activities for money. This rate is essentially the same as was observed in 2002 when 61% of students participated one or more of 8 gambling activities for money. (Note: the 2002 survey did not inquire about playing on internet gambling sites.) A multivariate logistic model using NS as the comparison group revealed that in 2007, students residing in NB, female students, and grade 7 students were less likely to have participated in one or more of these 9 gambling activities than were their counterparts.

In 2007, about 6% of students in grades 7, 9, 10 and 12 used fake identification or lied about their age in order to participate in licensed gambling activities (Table 72). More males than females reported this behaviour. About 11% of students in grade 12 indicated they had engaged in this behaviour.

In 2007, 2.7% of students met the definition of "at-risk" gambling and 1.4% of students met the definition of "problem" gambling (Table 73). These rates are essentially the same as noted in 2002 when 2.7% and 1.7% of students met these definitions respectively.[19] More males than female students met the definitions of "at-risk" and "problem" gambling.

Table 61 *Played scratch tabs*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	38.4	± 2.5	29.4	± 2.1	38.8	± 2.9	36.7	± 3.1	35.3	± 1.3
Gender										
Male	38.5	± 3.4	27.1	± 2.5	37.8	± 3.7	36.9	± 4.1	34.4	± 1.8
Female	38.4	± 3.2	31.4	± 3.5	39.8	± 3.9	36.3	± 3.8	36.1	± 1.9
Grade										
7	29.4	± 4.9	21.5	± 5.4	27.9	± 5.3	25.8	± 6.8	26.2	± 2.9
9	41.4	± 5.2	27.7	± 2.3	36.3	± 5.4	32.6	± 5.0	35.1	± 2.4
10	41.5	± 4.6	32.6	± 4.3	41.3	± 6.0	37.6	± 6.6	38.2	± 2.6
12	40.7	± 5.1	35.3	± 4.7	49.4	± 6.0	50.2	± 5.8	41.2	± 2.8
Health Region										
1	35.4	± 3.7	32.4	± 5.1	37.1	± 4.2				
2	40.4	± 5.3	28.7	± 4.6	40.5	± 5.9				
3	41.6	± 4.7	26.9	± 4.9	43.7	± 5.6				
4	40.6	± 6.5	28.6	± 4.0	38.2	± 6.2				
5			29.1	± 4.6						
6			27.9	± 3.8						
7			32.6	± 4.7						

Table 62 *Played cards for money*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	34.2	± 2.2	30.0	± 2.0	38.1	± 2.6	31.7	± 2.7	33.3	± 1.2
Gender										
Male	50.1	± 3.3	44.8	± 3.2	48.5	± 3.5	47.8	± 4.0	47.8	± 1.8
Female	18.7	± 2.2	16.2	± 2.2	27.7	± 3.3	16.8	± 2.5	19.4	± 1.3
Grade										
7	22.0	± 3.8	15.5	± 4.7	21.1	± 5.3	17.2	± 4.1	19.3	± 2.4
9	39.8	± 5.0	29.7	± 4.3	38.7	± 4.8	31.2	± 5.4	35.5	± 2.6
10	37.1	± 4.0	35.7	± 3.7	41.7	± 5.7	37.2	± 5.5	37.5	± 2.3
12	37.0	± 4.5	38.2	± 3.6	50.1	± 4.6	39.5	± 6.3	40.1	± 2.4
Health Region										
1	33.4	± 3.5	32.3	± 4.7	38.4	± 4.0				
2	30.7	± 4.5	28.5	± 4.2	35.3	± 4.4				
3	39.0	± 4.4	31.2	± 5.3	40.3	± 4.5				
4	37.0	± 5.2	23.0	± 4.4	38.9	± 5.8				
5			27.3	± 3.1						
6			28.1	± 3.8						
7			34.7	± 4.3						

Table 63 *Bet on sports activities*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	24.3	± 2.0	18.8	± 1.9	19.5	± 2.1	25.0	± 2.6	21.5	± 1.1
Gender										
Male	38.5	± 3.0	30.8	± 2.8	29.2	± 3.5	39.4	± 4.0	34.2	± 1.7
Female	10.4	± 1.9	7.7	± 1.7	9.6	± 2.0	11.5	± 2.5	9.4	± 1.0
Grade										
7	17.6	± 3.7	12.4	± 3.8	15.0	± 3.4	16.3	± 5.4	15.3	± 2.1
9	28.6	± 4.3	19.8	± 3.6	20.1	± 4.1	27.3	± 5.3	23.8	± 2.2
10	28.0	± 4.1	20.6	± 3.8	22.8	± 4.7	30.1	± 5.1	24.7	± 2.3
12	22.1	± 3.9	21.9	± 3.9	19.6	± 4.4	25.2	± 5.3	21.8	± 2.2
Health Region										
1	23.5	± 3.0	21.3	± 4.7	19.7	± 3.2				
2	22.5	± 4.1	19.5	± 4.5	16.7	± 4.3				
3	24.6	± 5.7	18.5	± 3.6	20.0	± 3.4				
4	28.1	± 4.8	12.4	± 3.2	23.4	± 4.8				
5			19.5	± 2.9						
6			13.6	± 3.7						
7			22.7	± 4.8						

Table 64 *Played break-opens*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	23.2	± 2.3	11.7	± 1.3	30.6	± 2.5	20.7	± 2.3	20.6	± 1.1
Gender										
Male	24.4	± 3.3	12.1	± 1.9	29.9	± 2.9	22.5	± 3.3	21.3	± 1.6
Female	22.2	± 2.7	11.4	± 1.9	31.3	± 3.5	18.9	± 2.9	19.9	± 1.4
Grade										
7	18.1	± 4.0	6.9	± 2.3	21.3	± 4.1	12.5	± 3.6	14.6	± 1.9
9	24.4	± 4.7	11.7	± 2.1	30.6	± 5.1	17.0	± 3.9	20.7	± 2.2
10	24.6	± 4.3	11.7	± 2.3	33.0	± 5.2	21.7	± 5.2	21.7	± 2.1
12	25.5	± 5.2	16.4	± 3.5	36.9	± 5.5	31.3	± 5.5	25.0	± 2.6
Health Region										
1	19.5	± 3.5	11.7	± 3.0	28.0	± 3.6				
2	25.6	± 4.7	11.0	± 2.5	33.9	± 5.5				
3	24.4	± 4.9	12.9	± 3.4	34.0	± 4.7				
4	28.3	± 6.1	9.4	± 3.4	34.4	± 7.1				
5			10.1	± 3.1						
6			10.8	± 2.4						
7			15.4	± 3.3						

Table 65 *Played bingo for money*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	18.7	± 2.3	18.1	± 3.0	22.9	± 2.4	17.6	± 2.3	19.2	± 1.4
Gender										
Male	18.1	± 3.0	16.9	± 3.1	21.1	± 3.0	16.9	± 2.9	18.2	± 1.7
Female	19.2	± 2.7	19.3	± 3.7	24.6	± 3.2	18.2	± 2.9	20.2	± 1.8
Grade										
7	18.5	± 4.6	14.8	± 4.4	21.2	± 4.1	16.4	± 4.6	17.6	± 2.5
9	20.3	± 4.1	18.8	± 5.4	24.4	± 4.8	20.3	± 4.9	20.6	± 2.6
10	21.1	± 4.0	20.3	± 8.4	22.7	± 3.9	19.5	± 5.2	21.0	± 3.3
12	14.3	± 5.3	18.3	± 4.9	23.0	± 5.9	13.9	± 3.2	17.3	± 2.9
Health Region										
1	13.7	± 2.9	20.6	±10.3	17.1	± 3.2				
2	21.6	± 4.7	19.2	± 4.6	31.9	± 5.9				
3	22.7	± 6.2	14.2	± 4.7	28.8	± 5.4				
4	23.7	± 6.5	16.2	± 4.6	30.0	± 7.5				
5			18.4	± 3.7						
6			18.1	± 5.2						
7			20.7	± 3.7						

Table 66 *Played Sports Select lottery*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.4	± 1.2	4.8	± 0.9	6.7	± 1.2	6.8	± 1.4	5.9	± 0.6
Gender										
Male	11.3	± 2.2	8.6	± 1.7	11.3	± 2.1	12.3	± 2.6	10.5	± 1.1
Female	1.6	± 0.8	1.3	± 0.6	2.1	± 0.9	1.6	± 0.8	1.6	± 0.4
Grade										
7	3.6	± 1.6	1.5	± 0.9	3.0	± 1.6	3.0	± 1.6	2.7	± 0.8
9	7.4	± 2.3	5.1	± 1.8	5.4	± 2.2	5.6	± 2.3	6.1	± 1.2
10	7.0	± 2.0	3.7	± 1.8	7.8	± 2.5	7.7	± 2.9	6.1	± 1.1
12	7.3	± 3.2	8.9	± 2.5	10.6	± 2.8	10.8	± 3.6	8.7	± 1.6
Health Region										
1	6.6	± 2.1	4.5	± 2.1	6.4	± 1.7				
2	4.7	± 1.7	6.1	± 2.3	6.5	± 1.9				
3	6.9	± 2.4	5.3	± 1.8	6.3	± 2.8				
4	7.8	± 2.5	2.8	± 1.6	10.0	± 3.7				
5			2.7	± 1.7						
6			4.1	± 2.1						
7			3.9	± 1.8						

Table 67 *Played a lottery other than Sports Select*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	10.7	± 1.6	8.2	± 1.2	9.4	± 1.4	11.7	± 1.8	9.7	± 0.8
Gender										
Male	14.2	± 2.6	9.8	± 1.8	11.6	± 2.1	15.2	± 2.8	12.3	± 1.3
Female	7.3	± 1.5	6.8	± 1.4	7.2	± 1.8	8.2	± 2.0	7.2	± 0.9
Grade										
7	5.9	± 2.2	3.6	± 1.4	4.1	± 1.8	6.6	± 2.4	4.8	± 1.1
9	10.4	± 2.8	7.1	± 2.1	6.5	± 2.3	7.5	± 3.2	8.3	± 1.4
10	11.0	± 3.3	8.3	± 2.3	11.1	± 3.5	9.8	± 3.6	10.0	± 1.7
12	15.5	± 3.8	13.9	± 3.2	15.9	± 3.5	22.9	± 4.4	15.5	± 2.0
Health Region										
1	10.6	± 2.4	8.5	± 3.1	8.2	± 2.3				
2	10.8	± 2.9	8.9	± 2.2	11.7	± 2.4				
3	8.5	± 2.4	7.1	± 2.7	9.8	± 2.4				
4	12.7	± 4.5	9.5	± 2.9	11.1	± 3.9				
5			7.7	± 2.4						
6			8.1	± 1.8						
7			7.8	± 2.3						

Table 68 *Played on video lottery terminals*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	5.7	± 1.3	5.9	± 0.9	7.0	± 1.3	5.4	± 1.4	6.0	± 0.6
Gender										
Male	8.3	± 2.1	7.7	± 1.6	9.1	± 2.3	7.7	± 2.1	8.2	± 1.1
Female	2.9	± 1.0	4.2	± 1.0	4.9	± 1.6	3.0	± 1.4	3.7	± 0.6
Grade										
7	4.6	± 1.8	4.3	± 1.9	2.8	± 1.6	4.1	± 2.6	4.1	± 1.0
9	5.0	± 2.4	7.0	± 1.7	6.8	± 2.8	4.9	± 2.3	6.0	± 1.2
10	6.3	± 2.1	4.5	± 1.4	6.4	± 2.8	6.0	± 3.4	5.7	± 1.1
12	6.8	± 3.4	7.6	± 2.5	12.0	± 3.1	6.4	± 2.6	8.1	± 1.7
Health Region										
1	4.7	± 1.7	6.4	± 2.3	7.3	± 2.1				
2	6.8	± 2.2	5.3	± 2.0	5.4	± 2.2				
3	5.0	± 2.4	3.9	± 1.6	6.5	± 2.6				
4	7.1	± 4.2	5.6	± 1.8	9.7	± 2.5				
5			4.8	± 2.2						
6			10.3	± 3.3						
7			6.7	± 2.7						

Table 69 *Played on Internet gambling sites for money*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	4.8	± 1.0	3.1	± 0.7	5.1	± 1.2	3.5	± 1.0	4.2	± 0.5
Gender										
Male	8.0	± 1.7	5.2	± 1.3	8.5	± 2.0	5.9	± 1.7	7.0	± 0.9
Female	1.6	± 0.7	1.2	± 0.5	1.6	± 0.8	1.2	± 0.8	1.4	± 0.4
Grade										
7	3.2	± 1.5	2.8	± 1.9	2.2	± 1.4	2.8	± 1.8	2.9	± 0.9
9	5.6	± 2.0	3.9	± 1.3	6.0	± 2.5	4.2	± 2.3	5.0	± 1.0
10	6.1	± 1.7	2.6	± 1.1	6.2	± 2.4	3.6	± 1.8	4.8	± 0.9
12	4.1	± 2.4	3.0	± 1.4	5.8	± 2.6	3.4	± 1.7	4.0	± 1.2
Health Region										
1	4.2	± 1.3	3.7	± 1.6	4.7	± 1.8				
2	4.8	± 2.0	2.4	± 1.7	5.3	± 2.1				
3	6.7	± 2.8	3.2	± 1.6	4.9	± 2.1				
4	4.7	± 2.3	1.8	± 1.1	7.9	± 2.9				
5			1.8	± 1.2						
6			3.0	± 1.4						
7			5.3	± 2.3						

Table 70 *Played on Internet gambling sites with play money or points*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	26.0	± 2.0	23.5	± 2.1	23.9	± 2.2	22.3	± 2.4	24.5	± 1.2
Gender										
Male	36.0	± 3.1	31.6	± 3.3	33.6	± 3.3	31.3	± 3.7	33.7	± 1.8
Female	16.1	± 2.2	15.9	± 2.1	14.1	± 2.6	13.8	± 2.3	15.5	± 1.2
Grade										
7	20.6	± 4.0	16.2	± 3.9	19.3	± 5.0	18.6	± 3.6	18.7	± 2.3
9	27.6	± 3.2	25.3	± 4.0	25.1	± 3.1	24.8	± 5.4	26.2	± 2.0
10	29.5	± 3.7	27.2	± 5.1	23.9	± 4.7	24.7	± 4.4	27.3	± 2.4
12	25.6	± 5.1	24.6	± 3.5	27.1	± 4.9	20.6	± 5.3	25.2	± 2.5
Health Region										
1	24.2	± 2.8	28.2	± 5.8	23.2	± 3.4				
2	27.6	± 4.7	19.2	± 4.0	24.5	± 3.9				
3	28.9	± 4.6	19.8	± 4.4	26.8	± 4.5				
4	25.9	± 4.9	25.3	± 4.1	22.4	± 3.4				
5			24.7	± 4.9						
6			29.1	± 4.5						
7			23.2	± 3.8						

Table 71 *Played any of 9 gambling activities for money Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	60.2	± 2.3	54.7	± 2.6	61.6	± 2.7	58.7	± 3.1	58.5	± 1.4
Gender										
Male	67.8	± 3.1	63.0	± 3.1	65.5	± 3.6	67.0	± 3.9	65.7	± 1.8
Female	52.8	± 3.3	47.0	± 3.7	57.5	± 4.0	50.9	± 4.2	51.5	± 2.0
Grade										
7	49.1	± 5.4	41.2	± 6.2	46.1	± 6.4	45.6	± 7.5	45.6	± 3.3
9	65.6	± 4.1	53.5	± 4.6	62.4	± 4.8	55.4	± 5.3	60.1	± 2.5
10	63.8	± 3.4	60.6	± 5.8	65.8	± 5.5	62.9	± 6.4	63.0	± 2.6
12	61.5	± 5.1	62.9	± 3.9	71.2	± 4.8	69.6	± 5.9	64.4	± 2.6
Health Region										
1	57.6	± 3.5	57.4	± 6.6	59.5	± 4.0				
2	59.8	± 4.9	53.7	± 5.9	62.0	± 5.9				
3	64.0	± 4.6	54.0	± 5.6	66.7	± 5.3				
4	64.1	± 5.2	49.3	± 4.5	66.4	± 5.2				
5			55.2	± 3.9						
6			53.1	± 4.4						
7			59.5	± 5.1						

Table 72 *Used fake ID or lied about age in order to participate in licensed gambling Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	6.3	± 1.1	4.7	± 0.9	6.6	± 1.4	6.4	± 1.3	5.8	± 0.6
Gender										
Male	9.2	± 1.9	6.1	± 1.4	8.3	± 1.9	8.0	± 2.1	7.9	± 1.0
Female	3.5	± 1.1	3.4	± 1.0	5.0	± 1.5	4.9	± 1.4	3.8	± 0.6
Grade										
7	5.6	± 2.0	2.5	± 1.3	1.8	± 0.9	3.3	± 2.0	3.7	± 0.9
9	4.6	± 1.7	3.9	± 1.4	3.8	± 1.5	4.2	± 2.5	4.2	± 0.9
10	5.2	± 2.3	3.7	± 2.0	6.3	± 3.0	6.2	± 2.3	5.0	± 1.3
12	10.0	± 2.7	8.9	± 2.6	14.7	± 4.6	11.9	± 3.4	10.6	± 1.7
Health Region										
1	6.0	± 1.5	5.0	± 2.2	6.9	± 2.3				
2	6.5	± 2.0	4.4	± 2.3	6.4	± 2.0				
3	5.5	± 2.6	4.3	± 1.8	4.8	± 1.7				
4	7.5	± 3.7	5.6	± 2.2	8.2	± 2.8				
5			3.8	± 1.7						
6			5.7	± 1.9						
7			4.7	± 2.1						

Table 73 *Problem gambling based on screening tool Among students in grades 7, 9, 10 & 12*

		NS		NB		NL		PE		Atlantic	
	Level Problem Gambling	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	At-Risk	2.6	± 0.7	2.4	± 0.7	3.6	± 0.7	3.0	± 0.9	2.7	± 0.4
	Problem	1.8	± 0.6	0.8	± 0.3	1.7	± 0.6	1.6	± 0.7	1.4	± 0.3
Gender											
Male	At-Risk	3.9	± 1.3	3.5	± 1.2	5.2	± 1.4	4.6	± 1.6	4.1	± 0.7
	Problem	2.8	± 1.1	1.5	± 0.7	2.9	± 1.0	2.4	± 1.1	2.4	± 0.5
Female	At-Risk	1.3	± 0.6	1.3	± 0.7	1.9	± 0.9	1.5	± 1.0	1.4	± 0.4
	Problem	0.7	± 0.5	0.2	± 0.2	0.4	± 0.3	0.7	± 0.7	0.5	± 0.2
Grade											
7	At-Risk	1.2	± 1.0	1.1	± 0.9	2.0	± 1.2	1.1	± 1.0	1.3	± 0.5
	Problem	1.5	± 1.1	0.1	± 0.3	0.6	± 0.8	1.1	± 1.2	0.9	± 0.5
9	At-Risk	2.8	± 1.3	2.4	± 1.4	2.6	± 1.2	2.8	± 1.3	2.6	± 0.7
	Problem	1.6	± 1.4	0.6	± 0.5	2.3	± 1.2	2.2	± 1.8	1.4	± 0.6
10	At-Risk	3.2	± 1.6	3.0	± 1.4	4.9	± 1.9	2.6	± 1.4	3.4	± 0.9
	Problem	1.4	± 0.9	1.1	± 0.8	2.2	± 1.3	0.9	± 1.0	1.4	± 0.5
12	At-Risk	3.2	± 1.6	2.9	± 1.7	4.7	± 1.6	5.3	± 2.7	3.5	± 0.9
	Problem	2.6	± 1.7	1.5	± 1.0	1.5	± 0.9	2.0	± 1.3	2.0	± 0.8
Health Region											
1	At-Risk	2.0	± 1.0	2.7	± 1.8	3.2	± 1.0				
	Problem	1.8	± 1.1	0.9	± 0.8	1.5	± 0.8				
2	At-Risk	2.5	± 1.3	2.5	± 1.6	3.1	± 1.5				
	Problem	1.7	± 1.0	0.8	± 0.7	1.9	± 1.3				
3	At-Risk	3.8	± 1.9	2.3	± 1.4	4.3	± 1.9				
	Problem	1.6	± 1.1	0.7	± 0.8	1.7	± 1.1				
4	At-Risk	3.3	± 2.1	1.8	± 1.0	5.9	± 2.5				
	Problem	2.1	± 1.7	0.6	± 0.6	2.1	± 1.6				
5	At-Risk			2.0	± 1.1						
	Problem			1.2	± 1.0						
6	At-Risk			2.1	± 1.0						
	Problem			0.9	± 0.9						
7	At-Risk			2.1	± 1.2						
	Problem			1.2	± 1.0						

MENTAL HEALTH

Depressive symptoms

In 2007, about 5% of students in grades 7, 9, 10 and 12 in the Atlantic provinces scored as having "very elevated" depressive symptoms on a screening tool (Table 74). A further 20% scored as having "somewhat elevated" depressive symptoms. These proportions are essentially the same as were observed in 2002 (6% and 20%, respectively).[14] Female students were about twice as likely to report elevated depressive symptoms as were their male counterparts. Students in grade 7 were less likely than older students to report elevated depressive symptoms.

Attention Deficit/ Hyperactivity Disorder

In 2007, about 5% of junior and senior high school students in the Atlantic provinces scored positive on a screening tool for Attention Deficit/Hyperactivity Disorder (Table 75). This percentage was essentially the same as observed in 2002 (6%). As in 2002, no gender difference was observed in 2007 in the prevalence of a positive screening test.[16] The percentages of students who scored positive in the various grades were essentially the same as observed in 2002.

In 2007, about 1% of junior and senior high school students in the Atlantic provinces indicated they were taking amphetamine (Table 76), and 2% of students indicated they were taking methylphenidate (Table 77), as prescribed for them by their doctor. The 2007 prevalence estimates of prescribed stimulant use are essentially the same as those observed in 2002. Students' self-reported prescribed stimulant use in 2002 was found to be accurate through a study based on data from the Nova Scotia Prescription Monitoring Program.[16]

Table 74 *Elevated depressive symptoms based on screening tool Among students in grades 7, 9, 10 and 12*

		NS		NB		NL		PE		Atlantic	
	Level Depressive Symptoms	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	S elev	20.5	± 2.1	18.7	± 1.6	19.8	± 1.9	17.7	± 1.9	19.6	± 1.1
	V elev	5.8	± 1.0	4.5	± 1.0	4.8	± 1.0	5.8	± 1.2	5.1	± 0.6
Gender											
Male	S elev	15.3	± 2.6	14.7	± 1.9	14.0	± 2.5	13.1	± 2.3	14.7	± 1.3
	V elev	2.6	± 0.9	2.0	± 0.7	1.9	± 0.9	2.9	± 1.2	2.3	± 0.5
Female	S elev	25.5	± 3.1	22.6	± 2.5	25.8	± 3.0	21.9	± 2.9	24.3	± 1.6
	V elev	8.9	± 1.8	6.6	± 1.7	7.8	± 2.0	8.4	± 2.0	7.9	± 1.0
Grade											
7	S elev	13.5	± 4.5	14.0	± 3.9	13.1	± 2.5	10.3	± 3.0	13.4	± 2.3
	V elev	3.8	± 1.6	2.9	± 1.6	3.5	± 1.7	3.3	± 2.0	3.4	± 0.9
9	S elev	21.2	± 4.2	22.5	± 3.2	22.7	± 4.0	20.1	± 4.4	21.9	± 2.1
	V elev	8.1	± 2.5	5.1	± 1.6	6.8	± 2.1	7.0	± 2.7	6.7	± 1.2
10	S elev	23.9	± 3.2	19.3	± 2.9	23.5	± 4.5	20.1	± 3.6	22.0	± 1.8
	V elev	5.8	± 1.9	6.5	± 2.8	4.2	± 2.5	7.2	± 2.4	5.8	± 1.3
12	S elev	23.1	± 4.7	18.5	± 3.0	18.9	± 3.7	19.3	± 4.2	20.5	± 2.2
	V elev	5.3	± 1.9	3.1	± 1.5	4.4	± 1.7	5.3	± 2.2	4.3	± 1.0
Health Region											
1	S elev	20.7	± 3.4	20.4	± 3.8	19.3	± 2.9				
	V elev	6.0	± 1.7	4.2	± 2.0	4.3	± 1.6				
2	S elev	21.8	± 4.3	20.0	± 4.2	20.2	± 3.4				
	V elev	6.6	± 2.0	6.4	± 2.6	5.8	± 2.2				
3	S elev	15.4	± 4.6	18.2	± 3.1	21.3	± 2.9				
	V elev	5.1	± 2.6	3.8	± 2.3	4.6	± 1.5				
4	S elev	22.4	± 4.1	15.2	± 3.4	19.6	± 5.6				
	V elev	4.7	± 1.9	2.6	± 1.4	5.4	± 2.6				
5	S elev			17.8	± 3.1						
	V elev			3.3	± 1.7						
6	S elev			15.2	± 3.0						
	V elev			3.2	± 1.5						
7	S elev			19.8	± 2.9						
	V elev			5.5	± 1.9						

Table 75 *Attention-Deficit/Hyperactivity Disorder based on screening tool Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	5.3	± 1.0	3.9	± 0.7	4.3	± 1.1	4.8	± 1.1	4.6	± 0.5
Gender										
Male	5.3	± 1.5	4.8	± 1.2	3.8	± 1.3	4.6	± 1.5	4.8	± 0.8
Female	5.4	± 1.3	3.0	± 0.9	4.7	± 1.9	5.1	± 1.4	4.4	± 0.7
Grade										
7	2.1	± 1.3	2.9	± 1.3	1.7	± 1.2	2.1	± 1.4	2.3	± 0.7
9	6.7	± 2.3	5.1	± 1.5	6.5	± 2.8	4.2	± 2.2	5.9	± 1.2
10	6.1	± 1.6	4.0	± 1.4	3.6	± 1.9	6.0	± 2.0	4.9	± 0.9
12	6.3	± 2.5	3.3	± 1.5	4.9	± 2.5	6.6	± 2.7	5.0	± 1.2
Health Region										
1	5.9	± 1.6	3.4	± 1.5	4.9	± 1.8				
2	5.1	± 1.7	4.6	± 1.5	3.0	± 1.3				
3	4.3	± 1.6	5.1	± 1.9	3.6	± 1.3				
4	5.2	± 2.9	0.8	± 0.7	4.0	± 2.3				
5			1.3	± 1.0						
6			2.7	± 1.6						
7			5.1	± 2.0						

Table 76 *Medical use of amphetamine in past 30 days*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	1.3	± 0.5	0.9	± 0.4	1.1	± 0.5	1.1	± 0.5	1.1	± 0.3
Gender										
Male	1.7	± 0.7	1.2	± 0.7	1.4	± 0.8	1.5	± 0.9	1.5	± 0.4
Female	0.8	± 0.6	0.6	± 0.4	0.8	± 0.5	0.7	± 0.5	0.7	± 0.3
Grade										
7	1.3	± 0.8	1.0	± 1.0	0.7	± 0.7	0.8	± 1.1	1.0	± 0.5
9	1.4	± 0.9	0.9	± 0.8	1.7	± 1.2	1.5	± 1.2	1.3	± 0.5
10	1.7	± 1.1	1.0	± 1.0	1.2	± 1.1	0.6	± 0.6	1.3	± 0.6
12	0.7	± 0.8	0.5	± 0.5	0.8	± 0.7	1.4	± 0.9	0.7	± 0.4
Health Region										
1	1.4	± 0.7	0.5	± 0.6	1.2	± 0.8				
2	1.2	± 0.9	0.8	± 0.8	0.6	± 0.6				
3	0.7	± 0.8	0.9	± 1.3	1.2	± 0.8				
4	1.6	± 1.4	0.8	± 0.8	1.7	± 1.7				
5			0.8	± 0.9						
6			1.6	± 1.2						
7			0.8	± 0.8						

Table 77 *Medical use of methylphenidate (Ritalin or Concerta) Among students in grades 7, 9, 10 & 12*

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	2.8	± 0.7	2.2	± 0.7	2.0	± 0.6	2.7	± 0.9	2.4	± 0.4
Gender										
Male	4.4	± 1.3	3.4	± 1.1	2.6	± 1.1	3.4	± 1.3	3.6	± 0.7
Female	1.2	± 0.6	1.2	± 0.6	1.4	± 0.7	2.1	± 1.0	1.3	± 0.3
Grade										
7	3.1	± 1.7	2.9	± 1.6	1.5	± 0.9	2.5	± 1.8	2.7	± 0.9
9	4.4	± 1.7	2.8	± 1.5	2.9	± 1.2	3.5	± 1.7	3.5	± 0.9
10	2.1	± 1.3	2.3	± 1.2	2.1	± 1.6	2.6	± 1.7	2.2	± 0.7
12	1.5	± 0.9	0.9	± 0.7	1.5	± 1.0	2.3	± 1.6	1.3	± 0.5
Health Region										
1	3.5	± 1.3	2.5	± 1.6	2.2	± 0.9				
2	2.4	± 1.3	2.2	± 1.6	1.4	± 1.1				
3	1.3	± 1.0	2.3	± 1.3	2.2	± 1.1				
4	2.4	± 1.4	0.6	± 0.6	2.1	± 1.6				
5			2.2	± 1.3						
6			3.2	± 1.7						
7			1.3	± 0.9						

HELP SEEKING

As found in previous surveys, in 2007 less than 3% of junior and senior high school students indicated they needed help or actually got help for their alcohol and other drug use (Tables 78 to 81). About 4% of students indicated they needed help with their cigarette smoking (Tables 82 and 83).

About 0.4% of all students indicated they needed help for gambling and 0.2% of all students indicated they had received help for gambling.

In 2007, about 15% of students reported they needed help for depressive symptoms, with female students and older students more likely than their counterparts to indicate their need (Table 84). About 5% indicated of all students they had received help for their depressive symptoms (Table 85).

Table 78 *Help needed for alcohol use, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	2.1	± 0.6	1.5	± 0.5	1.9	± 0.6	2.2	± 0.7	1.9	± 0.3
Gender										
Male	2.4	± 0.9	2.0	± 0.9	1.9	± 0.8	2.0	± 1.1	2.1	± 0.5
Female	1.8	± 0.7	1.0	± 0.5	1.9	± 1.0	2.3	± 0.9	1.6	± 0.4
Grade										
7	0.6	± 0.5	0.5	± 0.7	0.7	± 0.6	0.3	± 0.6	0.6	± 0.3
9	2.3	± 1.2	1.5	± 0.8	2.0	± 1.0	2.4	± 1.7	2.0	± 0.6
10	2.4	± 1.3	1.9	± 1.1	2.5	± 1.6	3.0	± 1.4	2.3	± 0.7
12	3.1	± 1.6	2.0	± 1.2	2.1	± 1.3	2.8	± 1.7	2.5	± 0.8
Health Region										
1	1.6	± 0.9	1.4	± 0.9	1.8	± 0.9				
2	2.2	± 1.1	1.9	± 1.3	1.4	± 1.0				
3	1.8	± 1.1	1.2	± 1.1	1.8	± 1.0				
4	3.4	± 1.9	1.3	± 1.1	3.3	± 2.1				
5			1.2	± 1.0						
6			1.8	± 1.1						
7			1.3	± 0.9						

Table 79 *Got help for alcohol use, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	0.9	± 0.4	0.6	± 0.3	0.9	± 0.5	0.9	± 0.5	0.8	± 0.2
Gender										
Male	1.1	± 0.6	0.8	± 0.5	1.2	± 0.7	0.8	± 0.6	1.0	± 0.3
Female	0.6	± 0.4	0.5	± 0.3	0.6	± 0.6	1.0	± 0.7	0.6	± 0.2
Grade										
7	0.3	± 0.5	0.1	± 0.1	0.7	± 0.7	0.3	± 0.6	0.3	± 0.3
9	0.6	± 0.6	1.1	± 0.8	1.5	± 1.1	1.3	± 1.2	1.0	± 0.4
10	1.2	± 0.8	0.5	± 0.6	1.0	± 1.0	0.8	± 0.8	0.9	± 0.4
12	1.5	± 1.0	0.7	± 0.6	0.5	± 0.6	1.1	± 0.9	1.0	± 0.5
Health Region										
1	0.8	± 0.6	0.6	± 0.6	0.9	± 0.7				
2	0.9	± 0.7	1.0	± 0.9	0.8	± 0.7				
3	0.9	± 0.8	0.4	± 0.5	1.1	± 0.9				
4	1.2	± 1.0	0.1	± 0.2	1.0	± 1.5				
5			0.6	± 0.6						
6			0.7	± 0.7						
7			0.4	± 0.4						

Table 80 *Help needed for illicit drug use, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	3.3	± 0.8	2.2	± 0.6	2.8	± 0.7	2.2	± 0.7	2.8	± 0.4
Gender										
Male	3.7	± 1.1	2.4	± 1.0	2.6	± 1.0	2.3	± 1.1	3.0	± 0.6
Female	2.9	± 1.0	2.1	± 0.8	3.0	± 1.3	2.1	± 1.0	2.6	± 0.6
Grade										
7	1.1	± 1.0	0.7	± 0.7	0.5	± 0.6	0.7	± 1.0	0.8	± 0.5
9	3.5	± 1.3	2.6	± 1.1	3.9	± 1.4	1.7	± 1.1	3.2	± 0.7
10	3.5	± 1.4	2.6	± 1.4	3.2	± 1.5	3.0	± 1.8	3.1	± 0.8
12	5.0	± 2.2	2.9	± 1.7	3.3	± 2.0	3.2	± 1.7	3.9	± 1.1
Health Region										
1	3.8	± 1.3	1.7	± 1.2	2.7	± 1.1				
2	2.6	± 1.2	2.5	± 1.5	2.5	± 1.5				
3	3.3	± 1.3	2.4	± 1.7	2.5	± 1.2				
4	3.0	± 2.2	1.3	± 0.9	4.8	± 2.4				
5			3.0	± 1.8						
6			2.8	± 1.5						
7			2.1	± 1.4						

Table 81 *Got help for illicit drug use, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	1.3	± 0.5	1.2	± 0.5	0.8	± 0.4	1.0	± 0.4	1.2	± 0.3
Gender										
Male	1.6	± 0.9	1.3	± 0.7	1.0	± 0.6	0.7	± 0.5	1.3	± 0.4
Female	1.0	± 0.5	1.1	± 0.6	0.7	± 0.5	1.2	± 0.7	1.0	± 0.3
Grade										
7	0.1	± 0.2	0.4	± 0.6	0.5	± 0.5	0.0	± 0.0	0.3	± 0.2
9	1.0	± 0.9	1.5	± 1.2	1.2	± 0.9	1.4	± 1.0	1.2	± 0.6
10	1.8	± 1.2	1.6	± 0.9	0.9	± 0.8	1.3	± 1.0	1.5	± 0.6
12	2.3	± 1.5	1.4	± 0.8	0.8	± 0.7	1.0	± 0.9	1.6	± 0.7
Health Region										
1	1.3	± 0.8	1.1	± 0.9	0.7	± 0.5				
2	1.4	± 0.8	1.4	± 1.4	0.8	± 0.7				
3	0.9	± 0.8	1.2	± 0.8	1.2	± 0.9				
4	1.5	± 1.8	0.8	± 0.8	1.8	± 1.7				
5			2.0	± 1.1						
6			1.1	± 0.9						
7			1.0	± 1.0						

Table 82 *Help needed for cigarette smoking, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	4.0	± 1.0	2.8	± 0.8	4.5	± 1.0	3.2	± 0.9	3.6	± 0.5
Gender										
Male	3.3	± 1.2	3.1	± 1.3	4.7	± 1.4	3.0	± 1.2	3.5	± 0.7
Female	4.7	± 1.5	2.5	± 1.0	4.2	± 1.4	3.5	± 1.4	3.8	± 0.7
Grade										
7	0.8	± 0.7	0.7	± 0.7	1.4	± 1.0	0.7	± 1.0	0.9	± 0.4
9	3.0	± 1.3	2.4	± 1.1	4.6	± 1.9	2.4	± 1.7	3.0	± 0.8
10	5.3	± 1.9	4.3	± 2.0	7.0	± 2.8	3.8	± 1.9	5.2	± 1.2
12	6.9	± 3.1	3.7	± 2.2	4.5	± 1.8	5.7	± 2.6	5.2	± 1.5
Health Region										
1	3.5	± 1.5	2.5	± 1.9	3.6	± 1.3				
2	4.7	± 1.7	3.4	± 2.0	4.4	± 2.3				
3	4.9	± 2.3	2.1	± 1.7	6.2	± 3.1				
4	3.7	± 2.9	2.4	± 1.8	7.4	± 3.8				
5			3.9	± 1.6						
6			3.5	± 1.6						
7			2.2	± 1.7						

Table 83 *Got help for cigarette smoking, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	1.5	± 0.5	1.3	± 0.5	1.3	± 0.5	0.9	± 0.4	1.3	± 0.3
Gender										
Male	1.1	± 0.6	1.3	± 0.6	1.4	± 0.7	0.7	± 0.5	1.2	± 0.4
Female	1.8	± 0.8	1.3	± 0.6	1.2	± 0.7	1.0	± 0.6	1.4	± 0.4
Grade										
7	0.3	± 0.5	0.3	± 0.5	0.9	± 0.8	0.2	± 0.4	0.4	± 0.3
9	1.0	± 1.0	1.6	± 0.9	1.5	± 1.1	1.3	± 1.0	1.3	± 0.6
10	2.2	± 1.1	1.7	± 1.2	1.7	± 1.3	1.0	± 0.8	1.9	± 0.6
12	2.1	± 1.3	1.4	± 1.1	0.9	± 0.8	1.0	± 0.9	1.6	± 0.7
Health Region										
1	1.0	± 0.7	1.4	± 1.1	1.0	± 0.7				
2	2.2	± 1.3	1.4	± 1.3	1.3	± 1.2				
3	1.4	± 1.2	1.0	± 0.9	1.9	± 1.3				
4	1.6	± 1.0	0.6	± 0.6	1.7	± 2.0				
5			1.5	± 1.3						
6			1.7	± 1.1						
7			1.2	± 1.0						

Table 84 *Help needed for depressive symptoms, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	17.0	± 1.6	14.7	± 1.4	15.6	± 1.8	14.8	± 1.8	15.8	± 0.9
Gender										
Male	10.9	± 1.8	9.7	± 1.7	10.7	± 2.1	9.6	± 2.1	10.4	± 1.0
Female	23.2	± 2.5	19.3	± 2.2	20.8	± 3.1	19.7	± 2.7	21.1	± 1.4
Grade										
7	10.6	± 2.8	11.6	± 3.2	10.5	± 2.7	9.4	± 2.4	10.8	± 1.7
9	17.9	± 2.7	15.0	± 2.7	17.0	± 3.4	17.4	± 4.2	16.7	± 1.6
10	19.2	± 3.7	14.8	± 2.5	18.8	± 3.9	16.2	± 3.6	17.4	± 1.9
12	20.2	± 3.6	17.3	± 3.2	15.6	± 4.2	15.6	± 4.1	18.0	± 2.0
Health Region										
1	17.6	± 2.7	15.6	± 3.5	14.5	± 2.7				
2	17.0	± 2.8	15.8	± 3.1	17.1	± 3.6				
3	15.1	± 3.8	13.9	± 3.3	16.9	± 3.5				
4	17.1	± 4.0	11.9	± 2.9	17.6	± 3.8				
5			13.4	± 2.9						
6			14.2	± 3.1						
7			14.7	± 3.6						

Table 85 *Got help for depressive symptoms, as reported by the student*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	5.2	± 0.9	4.8	± 0.8	4.0	± 1.1	4.2	± 1.1	4.8	± 0.5
Gender										
Male	3.3	± 1.0	3.0	± 1.1	3.2	± 1.2	2.9	± 1.2	3.2	± 0.6
Female	7.0	± 1.6	6.4	± 1.2	4.8	± 1.8	5.4	± 1.7	6.3	± 0.8
Grade										
7	3.1	± 1.6	4.5	± 2.2	3.3	± 1.9	3.1	± 2.0	3.6	± 1.0
9	5.1	± 1.7	5.7	± 1.4	4.0	± 1.5	5.2	± 2.5	5.1	± 0.9
10	5.8	± 2.0	4.8	± 1.8	3.5	± 1.9	4.3	± 1.9	4.9	± 1.1
12	6.7	± 2.0	4.2	± 1.3	5.2	± 3.1	4.2	± 2.0	5.4	± 1.1
Health Region										
1	5.5	± 1.5	5.7	± 2.0	3.8	± 1.7				
2	6.4	± 2.1	4.0	± 1.8	3.4	± 1.4				
3	3.9	± 1.8	4.5	± 1.7	4.6	± 1.7				
4	4.0	± 1.8	3.5	± 1.7	5.5	± 2.7				
5			5.1	± 1.9						
6			6.2	± 2.4						
7			4.5	± 1.9						

SCHOOL-BASED DRUG PREVENTION INTERVENTIONS

In 2007, about 66% of students in grades 7, 9, 10 and 12 in the Atlantic provinces reported they had received at least one class on decision-making during the school year (Table 86). Students residing in NB, male students and students in senior high school were less likely than their counterparts to respond in the affirmative about such classes.

In 2007, about 78% of students reported that their school had a rule against smoking on school property or at school events (Table 87). This represents an increase from the percentage reported in 2002 when 64% of students responded their school had such a rule.[2-5] A multivariate logistic model using NS as the comparison group revealed that in 2007, students residing in NL, female students and older students were more likely than their counterparts to respond in the affirmative about a school smoking ban.

Table 86 *Decision-making classes in past school year*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	68.5	± 2.9	61.7	± 3.0	66.1	± 3.7	69.3	± 3.3	65.8	± 1.7
Gender										
Male	66.0	± 3.6	58.8	± 3.7	63.3	± 4.4	65.9	± 4.1	63.1	± 2.1
Female	70.9	± 3.3	64.5	± 3.7	69.2	± 4.5	72.5	± 3.9	68.5	± 2.0
Grade										
7	77.4	± 4.9	75.4	± 6.3	76.4	± 5.6	77.3	± 8.2	76.5	± 3.1
9	84.4	± 2.8	63.6	± 5.8	81.8	± 5.3	83.3	± 5.9	76.6	± 2.5
10	66.8	± 7.6	59.5	± 6.1	57.9	± 8.7	63.8	± 6.4	62.4	± 4.0
12	44.7	± 6.3	48.8	± 5.5	48.0	± 9.0	53.2	± 6.0	47.3	± 3.6
Health Region										
1	67.4	± 4.6	60.2	± 5.4	65.1	± 5.8				
2	66.6	± 5.9	57.8	± 7.7	67.8	± 6.3				
3	75.8	± 4.5	65.9	± 7.0	65.8	± 6.4				
4	68.0	± 7.0	62.4	± 5.1	69.8	± 5.9				
5			56.6	± 8.8						
6			66.7	± 5.9						
7			62.7	± 6.1						

Table 87 *School has a rule against smoking on school property*
Among students in grades 7, 9, 10 & 12

	NS		NB		NL		PE		Atlantic	
	%	99% ci	%	99% ci	%	99% ci	%	99% ci	%	99% ci
Overall	75.6	± 2.3	77.8	± 2.3	81.0	± 2.5	77.0	± 2.8	77.5	± 1.3
Gender										
Male	72.8	± 3.1	75.3	± 3.2	78.1	± 3.5	75.9	± 3.9	74.9	± 1.8
Female	78.5	± 2.7	80.3	± 3.1	84.0	± 3.2	78.2	± 3.2	80.1	± 1.6
Grade										
7	66.9	± 4.7	66.2	± 7.2	68.6	± 6.0	71.4	± 6.6	67.3	± 3.3
9	76.5	± 4.4	75.7	± 3.5	79.6	± 5.9	79.8	± 4.3	77.0	± 2.4
10	73.9	± 5.4	77.8	± 4.2	84.5	± 4.0	73.6	± 5.2	77.2	± 2.7
12	85.3	± 3.6	91.5	± 2.8	90.7	± 3.7	83.1	± 6.3	88.3	± 1.9
Health Region										
1	76.0	± 3.3	78.2	± 4.9	79.0	± 4.0				
2	70.8	± 5.5	76.9	± 5.5	83.4	± 3.6				
3	78.5	± 5.5	80.5	± 5.4	85.0	± 3.1				
4	78.8	± 5.1	66.9	± 6.6	81.6	± 6.5				
5			75.8	± 7.7						
6			78.8	± 3.4						
7			81.6	± 4.9						

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APPENDIX 1

English questionnaire

STUDENT DRUG USE SURVEY IN THE ATLANTIC PROVINCES

This questionnaire asks what you know and feel about alcohol, tobacco and other drugs, and whether you use any of these drugs. The questionnaire also asks about information regarding sexual behaviour, mental health, and gambling. The information you give us will be used to improve drug education and services for students. It is important that you answer each question as honestly as possible. This is not a test — there are no right or wrong answers.

DO NOT PUT YOUR NAME ON THE QUESTION BOOKLET.
DO NOT PUT YOUR NAME ON THE BROWN ENVELOPE.

Your answers will not be shown to your parents or teachers. No information about individual students will appear in the research reports. There is no way your answer sheet can be traced back to you.

Your participation is voluntary. You do not have to participate if you do not want to. You may skip any questions with which you are not comfortable. There is no direct benefit to students who participate in the survey.

INSTRUCTIONS

1. **Read each question carefully.**
2. **Read every answer to each question before deciding which is the best one for you.**
3. **Use the pencils provided to record your answers — do not use a pen.**
4. **If there are any questions you do not want to answer, leave the question blank.**
5. **On the answer sheet, make heavy black marks that fill in the circle completely.**
6. **Erase cleanly any answers you want to change.**
7. **Fill in only one circle for each question.**

EXAMPLES

WRONG

RIGHT

8. **Make no stray marks on the questionnaire.**
9. **If you have any questions while completing this survey, please raise your hand. Do not ask your classmates for help.**
10. **When you have finished, place your questionnaire in the brown envelope and seal it.**
    DO NOT WRITE YOUR NAME ON THE ENVELOPE.

SERIAL

1. What are the first three digits of the postal code where you live?

   |___|___|___|

2. Are you male or female?
   (A) male (B) female

3. What grade are you in?
   (A) grade 7 (G) grade 10/level I
   (B) grade 8 (H) grade 11/level II
   (C) grade 9 (I) grade 12/level III

4. How old are you?
   (A) 11 years or younger (F) 16 years
   (B) 12 years (G) 17 years
   (C) 13 years (H) 18 years
   (D) 14 years (I) 19 years or older
   (E) 15 years

5. So far in this school year, what is your average on all your courses at school?
   (A) 80% or higher (G) 50% - 59%
   (B) 70% - 79% (H) Below 50%
   (C) 60% - 69% (I) I do not know

6. Who are you living with now?
   (A) Mother and father
   (B) Mother
   (C) Father
   (D) Mother and step-father
   (E) Father and step-mother
   (F) I live alone or with friends (independent living)
   (G) Other (please state) _____

7. What is the highest level of education that your mother has attained?
   (A) Graduated university
   (B) Attended but did not graduate university
   (C) Graduated college or trade school
   (D) Attended but did not graduate college or trade school
   (E) Graduated high school
   (F) Attended but did not graduate high school
   (G) Did not attend high school
   (H) Don't know
   (I) No mother

8. How many vehicles (cars, vans, or trucks) does your family own?
   (A) None (B) One (C) Two or more

9. Do you have your own bedroom for yourself?
   (A) Yes (B) No

10. During the past 12 months, how many times did you travel away on holiday with your family?
    (A) Not at all (C) Twice
    (B) Once (D) More than twice

11. How many computers does your family own?
    (A) None (C) Two
    (B) One (D) More than two

12. Does your family have an Internet connection at home?
    (A) Yes (B) No

The next 3 questions ask about your parents. By mother and father we mean whomever you consider your parents. They could be biological parents, adoptive parents, step-parents, same sex parents or foster parents.

13. In your free time away from home, how often does one of your parents know where you are?
    (A) Always (D) Seldom
    (B) Usually (E) Never
    (C) Sometimes (F) I have no parents

14. When you have problems, how often do you talk to your mother about them?
    (A) Always (D) Seldom
    (B) Usually (E) Never
    (C) Sometimes (F) I have no mother

15. When you have problems, how often do you talk to you father about them?
    (A) Always (D) Seldom
    (B) Usually (E) Never
    (C) Sometimes (F) I have no father

16. In general, would you say your health is...
    (A) excellent? (D) fair?
    (B) very good? (E) poor?
    (C) good?

17. How long have you had a license to drive a car or a motorcycle?
    (A) I do not have a license to drive
    (B) I have a beginner's license or a temporary license
    (C) I have had a license less than one year
    (D) I have had a license one to two years
    (E) More than two years

18. In the <u>past 12 months</u>, have you been in a motor vehicle accident with YOU as the driver?
    (A) Yes (B) No

19. How many of your friends use TOBACCO?

(A) None (D) More than half
(B) A few (E) All
(C) About half

20. How many of your friends use ALCOHOL?

(A) None (D) More than half
(B) A few (E) All
(C) About half

21. How many of your friends use CANNABIS (marijuana, grass, weed, pot, hash, hash oil)?

(A) None (D) More than half
(B) A few (E) All
(C) About half

22. How old were you when you smoked your first whole cigarette?

(A) I have never smoked a whole cigarette
(B) 10 years or younger (G) 15 years
(C) 11 years (H) 16 years
(D) 12 years (I) 17 years
(E) 13 years (J) 18 years
(F) 14 years (K) 19 years or older

23. In the past 12 months, how many cigarettes did you usually smoke per day?

(A) I have never smoked
(B) I did not smoke cigarettes in the past 12 months
(C) I tried one cigarette in the past 12 months
(D) I had less than one cigarette a day
(E) I had 1 or 2 cigarettes a day
(F) 3 to 5 cigarettes a day
(G) 6 to 10 cigarettes a day
(H) 11 to 15 cigarettes a day
(I) 16 to 20 cigarettes a day
(J) More than 20 cigarettes a day

24. Have you smoked 100 or more cigarettes in your life?

(A) Yes (B) No (C) I do not know

25. Have you tried to quit smoking in the <u>past 6 months</u>?

(A) Yes (B) No
(C) I have never smoked / I have smoked only a few times

26. Since the beginning of THIS school year, did your school take any of the following actions because you smoked cigarettes on school property?

Gave you a warning

(A) Yes (C) I do not smoke on school property
(B) No (D) I do not smoke

Gave you a detention

(A) Yes (C) I do not smoke on school property
(B) No (D) I do not smoke

Gave you a suspension

(A) Yes (C) I do not smoke on school property
(B) No (D) I do not smoke

Offered you some help to quit smoking

(A) Yes (C) I do not smoke on school property
(B) No (D) I do not smoke

27. How old were you when you first drank alcohol?

(A) I have never drank alcohol
(B) 10 years or younger (G) 15 years
(C) 11 years (H) 16 years
(D) 12 years (I) 17 years
(E) 13 years (J) 18 years
(F) 14 years (K) 19 years or older

28. In the <u>past 12 months</u>, how often did you drink alcohol - beer, wine, coolers or hard liquor (rum, whisky, vodka, gin, etc.)?

(A) Not at all
(B) Just a sip
(C) Once a month or less often
(D) Two or three times a month
(E) Once a week
(F) Two or three times a week
(G) Four or five times a week
(H) Almost every day – six or more times a week

29. The LAST TIME you drank alcohol, how did you get it?

(A) I bought it myself
(B) I had a friend buy it for me
(C) My friend or friends offered it to me
(D) My parents offered it to me
(E) Other adults offered it to me
(F) I got it from my home without my parent's permission
(G) I do not drink alcohol

30. In the past 12 months, has drinking affected your school work or exams so that you did not do as well as you could?

(1) Yes (2) No (3) I do not drink alcohol

31. In the past 12 months, has your drinking caused tension or disagreement with family or friends?

(1) Yes (2) No (3) I do not drink alcohol

32. In the past 12 months, have you been in trouble with the police as a result of your drinking?

(1) Yes (2) No (3) I do not drink alcohol

33. In the past 12 months, has the cost of alcohol caused you to give up buying other things?

(1) Yes (2) No (3) I do not drink alcohol

34. In the past 12 months, have you consumed alcohol before or instead of breakfast?

(1) Yes (2) No (3) I do not drink alcohol

35. In the past 12 months, have you damaged things after having drunk alcohol?

(1) Yes (2) No (3) I do not drink alcohol

36. In the past 12 months, has your drinking caused you to injure yourself?

(1) Yes (2) No (3) I do not drink alcohol

37. In the past 12 months, how often have you been drinking in a bar, tavern, beverage room or lounge?

(0) Never (3) Three or more times
(1) Once (4) I do not drink alcohol
(2) Twice

38. In the past 12 months, have you used fake identification or lied about your age in order to

Get alcohol?

(1) Yes (3) I do not drink alcohol
(2) No

Buy cigarettes?

(1) Yes (3) I do not smoke cigarettes
(2) No

Buy lottery tickets, scratch tabs or break-opens?

(1) Yes (3) I do not buy these products
(2) No

Play video gambling machines?

(1) Yes (3) I do not play video gambling machines
(2) No

39. In the past 12 months, how often have YOU driven a motor vehicle within an hour of drinking two or more drinks of alcohol?

(0) Never (3) Three or more times
(1) Once (4) I do not drink alcohol / I do not drive
(2) Twice

40. In the past 12 months, have you been in a motor vehicle accident with YOU as the driver, after drinking in the two previous hours?

(0) Never (3) Three or more times
(1) Once (4) I do not drink alcohol / I do not drive
(2) Twice

41. In the past 12 months, how often were you a PASSENGER in a vehicle with a driver who had too much to drink?

(0) Never (2) Twice
(1) Once (3) Three or more times

42. In the past 12 months, how often did you use CANNABIS (marijuana, grass, weed, pot, hash, hash oil)?

(0) I do not know what cannabis is
(1) I have never used cannabis
(2) I did not use cannabis in the past 12 months
(3) One time
(4) Two times
(5) Three or four times
(6) Five to eight times
(7) Nine to 12 times (about once a month)
(8) Thirteen to 26 times (about twice a month)
(9) Twenty-seven or more times (more than twice a month)

43. How old were you when you first tried CANNABIS?

(0) I have never tried cannabis
(1) 10 years or younger (7) 15 years
(2) 11 years (8) 16 years
(3) 12 years (9) 17 years
(4) 13 years (10) 18 years
(5) 14 years (11) 19 years or older

44. In the past 12 months, have you used INHALANTS (solvents or glue) in order to get high?

(A) I do not know what those substances are
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 26 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

45. In the past 12 months, have you taken TRANQUILIZERS (Valium®, Ativan®, Xanax®, Tranqs, 5s, 10s) without a prescription or without a doctor telling you to take them?

(A) I do not know what tranquilizers are
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 26 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

46. In the past 12 months, have you used LSD (acid, dic)?

(A) I do not know what LSD is
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 26 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

47. In the past 12 months, have you used PSILOCYBIN (Magic Mushrooms, Shrooms) or MESCALINE (Mesc)?

(A) I do not know what psilocybin and mescaline are
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 26 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

48. In the past 12 months, have you taken QUABALINE (quabs, zippers)?

(A) I do not know what quabaline is
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 26 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

49. In the past 12 months, have you used COCAINE (snow or coke) or CRACK COCAINE (rock)?

(A) I do not know what cocaine is
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 25 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

50. In the past 12 months, have you used ECSTASY or MDMA?

(A) I do not know what Ecstasy and MDMA are
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 26 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

51. In the past 12 months, have you taken AMPHETAMINE (Dexedrine®, Adderall XR®, bennies, pep pills) without a prescription or without a doctor telling you to do so?

(A) I do not know what amphetamine is
(B) Not at all
(C) One time
(D) Two times
(E) Three or four times
(F) Five to eight times
(G) Nine to 12 times (about once a month)
(H) Thirteen to 26 times (about twice a month)
(I) Twenty-seven or more times (more than twice a month)

52. In the past 12 months, have you taken RITALIN® or CONCERTA® (methylphenidate) without a prescription or without a doctor telling you to do so?

(X) I do not know what Ritalin® and Concerta® are
(A) Not at all
(B) One time
(C) Two times
(D) Three or four times
(E) Five to eight times
(F) Nine to 12 times (about once a month)
(G) Thirteen to 26 times (about twice a month)
(H) Twenty-seven or more times (more than twice a month)

53. In the past 12 months, have you taken PAIN KILLERS (Percocet®, Percodan®, Tylenol #3®, Dilaudid®, OxyContin®, codeine) without a prescription or without a doctor telling you to do so?

(X) I do not know what pain killers are
(A) Not at all
(B) One time
(C) Two times
(D) Three or four times
(E) Five to eight times
(F) Nine to 12 times (about once a month)
(G) Thirteen to 26 times (about twice a month)
(H) Twenty-seven or more times (more than twice a month)

54. In the past 12 months, have you taken STEROIDS (such as body builders, testosterone, clanabol, growth hormones, or «roids») to increase your performance in a sport or activity or to change your physical appearance?

(X) I do not know what steroids are
(A) Not at all
(B) One time
(C) Two times
(D) Three or four times
(E) Five to eight times
(F) Nine to 12 times (about once a month)
(G) Thirteen to 26 times (about twice a month)
(H) Twenty-seven or more times (more than twice a month)

55. In the past 12 months, have you used METHAMPHETAMINE (crystal meth, speed, crank, chalk, ice)?

(X) I do not know what methamphetamine is
(A) Not at all
(B) One time
(C) Two times
(D) Three or four times
(E) Five to eight times
(F) Nine to 12 times (about once a month)
(G) Thirteen to 26 times (about twice a month)
(H) Twenty-seven or more times (more than twice a month)

56. In the past 12 months, have you used pain killers, speed or cocaine, by injection or needles?

(X) I used one or more of these drugs by injection
(B) I used one or more of these drugs, but not by injection
(C) I did not use these drugs at all

57. In the past 12 months, has your drug use (other than alcohol) affected your school work or exams so that you did not do as well as you could?

(A) Yes (C) I do not use drugs
(B) No

58. In the past 12 months, has your drug use (other than alcohol) caused tension or disagreement with family or friends?

(A) Yes (C) I do not use drugs
(B) No

59. In the past 12 months, have you been in trouble with the police as a result of your drug use (other than alcohol)?

(A) Yes (C) I do not use drugs
(B) No

60. In the past 12 months, has the cost of drugs (other than alcohol) caused you to give up buying other things?

(A) Yes (C) I do not use drugs
(B) No

61. In the past 12 months, have you damaged things after having used drugs (other than alcohol)?

(A) Yes (C) I do not use drugs
(B) No

62. In the <u>past 12 months</u>, has your drug use (other than alcohol) caused you to injure yourself?

(1) Yes (3) I do not use drugs
(2) No

63. In the past 12 months, how many times have YOU driven a motor vehicle within an hour of using cannabis?

(1) Never (4) Three or more times
(2) Once (5) I do not use cannabis / I do not drive
(3) Twice

64. In the past 12 months, how often were you a PASSENGER in a car or other vehicle driven by someone who had been using cannabis?

(1) Never (3) Twice
(2) Once (4) Three or more times

The next 7 questions ask about the <u>PAST 30 DAYS</u>.

65. In the past 30 days, how many times has drinking alcohol made you drunk (that is, you had so much to drink that you threw up or you lost control of your actions)?

(1) I did not drink alcohol at all in the past 30 days
(2) I have not been drunk in the past 30 days
(3) Once, I was drunk in the past 30 days
(4) Twice
(5) Three times
(6) Four times
(7) Five or more times

For question # 66, ONE DRINK means
1 bottle/can of beer (about 341 ml = 12 ounces)
OR
1 glass of wine (about 118 ml = 4 ounces)
OR
1 shot glass of liquor (about 30 ml = 1 ounce)

66. In the <u>past 30 days</u>, how many times have you had five or more drinks of alcohol on the same occasion?

(1) I did not drink alcohol at all in the past 30 days
(2) I have not had five or more drinks of alcohol on the same occasion in the past 30 days
(3) Once, I had five or more drinks of alcohol on the same occasion in the past 30 days
(4) Twice
(5) Three times
(6) Four times
(7) Five or more times

67. In the <u>past 30 days</u>, how often did you use CANNABIS (marijuana, grass, weed, pot, hash)?

(1) Not at all during the month
(2) Less than every week
(3) Every week or almost every week
(4) Every day or almost every day

68. In the <u>past 30 days</u>, how often did you use CANNABIS during school hours on school days?

(1) Not at all during the month
(2) Less than every week
(3) Every week or almost every week
(4) Every day or almost every day

69. In the past 30 days, how often did you take AMPHETAMINE (Dexedrine®, Adderal XR®) as prescribed for you by your doctor?

(1) I am not on prescribed amphetamine
(2) In the past 30 days, I took prescribed amphetamine once a day
(3) Twice a day
(4) Three times a day
(5) Four times a day

70. In the past 30 days, how often did you take RITALIN® or CONCERTA® (methylphenidate) <u>as prescribed for you by your doctor</u>?

(1) I am not on prescribed Ritalin® or Concerta®
(2) In the past 30 days, I took prescribed Ritalin® or Concerta® once a day
(3) Twice a day
(4) Three times a day
(5) Four times a day

71. In the past 30 days, how often did you take TRANQUILIZERS (Valium®, Ativan®, Xanax®) as prescribed for you by your doctor?

(0) I am not on prescribed tranquilizers
(1) In the past 30 days, I took prescribed tranquilizers once a day
(2) Twice a day
(3) Three times a day
(4) Four times a day

The next section asks about some of your decisions concerning sexual behaviour. You may skip the questions with which you are not comfortable.

Please read the following definition of vaginal sex and then answer questions #72 and #73:

«Vaginal sex occurs when a male's penis enters a female's vagina. When this happens, both people are having vaginal sex.»

72. In the past 12 months, have you had vaginal sex?

(1) Yes (2) I have never had vaginal sex
(3) No

73. How old were you when you had vaginal sex for the FIRST TIME?

(0) I have never had vaginal sex
(1) 10 years or younger (8) 15 years
(2) 11 years (9) 16 years
(3) 12 years (10) 17 years
(4) 13 years (11) 18 years
(5) 14 years (12) 19 years or older

Please read the following definition of anal sex, and then answer question #74:

«Anal sex occurs when a male's penis enters another person's anus or rectum. When this happens, both people are having anal sex.»

74. In the past 12 months, have you had anal sex?

(1) Yes (2) I have never had anal sex
(3) No

Please read the following definition of oral sex, and then answer question #75:

«Oral sex occurs when a male's penis enters someone's mouth, or when someone's mouth is in contact with a female's vulva or vagina. When either of these happens, both people are having oral sex.»

75. In the past 12 months, have you had oral sex?

(1) Yes (2) I have never had oral sex
(3) No

For the next 6 questions, «sex» means vaginal, anal or oral sex.

76. In the past 12 months, with how many different **male** partners did you have sex?

(0) I have never had sex
(1) I did not have sex in the past 12 months
(2) I did not have any male partners in the past 12 months
(3) I had 1 male partner in the past 12 months
(4) 2 male partners
(5) 3 or more male partners

77. In the past 12 months, with how many different **female** partners did you have sex?

(0) I have never had sex
(1) I did not have sex in the past 12 months
(2) I did not have any female partners in the past 12 months
(3) I had 1 female partner in the past 12 months
(4) 2 female partners
(5) 3 or more female partners

78. The **LAST TIME** you had sex, did you drink alcohol or use drugs before you had sex?

(0) I have never had sex
(1) No, I did not drink alcohol or use drugs before I had sex
(2) Yes, I drank alcohol or used drugs before I had sex

79. The LAST TIME you had sex, did you or your partner use a condom or other latex barrier (e.g. dental dam)?
   (1) I have never had sex.
   (2) No, we did not use a condom or other latex barrier.
   (3) Yes, we used a condom or other latex barrier.

80. In the past 12 months, did you have unplanned sex?
   (1) I have never had sex.
   (2) I did not have sex in the past 12 months.
   (3) I had sex in the past 12 months but only when planned to.
   (4) Yes, I had unplanned sex in the past 12 months.

81. In the past 12 months, did you have unplanned sex after using alcohol or drugs?
   (1) I have never had sex.
   (2) I did not have sex in the past 12 months.
   (3) I did not have unplanned sex in the past 12 months.
   (4) I did have unplanned sex but not after using alcohol or drugs.
   (5) Yes, I had unplanned sex after using alcohol or drugs.

82. People have different feelings about themselves when it comes to questions of being attracted to other people. Which of the following best describes your feelings?
   (1) 100% heterosexual (attracted to persons of the opposite sex).
   (2) Mostly heterosexual.
   (3) Bisexual (attracted to both males and females).
   (4) Mostly homosexual.
   (5) 100% homosexual (gay/lesbian; attracted to persons of the same sex).
   (6) Not sure.

The next section asks about gambling.

83. In the past 12 months, how often have you done the following?

Played cards for money?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played bingo for money?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Bet on sports activities?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played Sports Select lottery?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played a lottery other than Sports Select?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played any video gambling machines?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played scratch tabs?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played break opens?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played on Internet gambling websites for money?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

Played on Internet gambling websites with play money or points?
(1) Never (4) Weekly
(2) Less than monthly (5) Daily
(3) Monthly

84. In the past 12 months, has your betting money caused any problems for you such as arguments with family and friends, or problems at school or work?

(1) Yes (2) I do not gamble
(3) No

85. In the past 12 months, have you gambled more than you had planned to?

(1) Yes (2) I do not gamble
(3) No

86. In the past 12 months, has anyone criticized your betting or told you that you had a gambling problem, regardless of whether you thought it was true or not?

(1) Yes (2) I do not gamble
(3) No

87. In the past 12 months, have you skipped or been absent from school or work due to betting activities?

(1) Yes (2) I do not gamble
(3) No

88. In the past 12 months, have you borrowed money or stolen something in order to bet or to cover gambling debts?

(1) Yes (2) I do not gamble
(3) No

The next section asks about help-seeking.

89. In the past 12 months, did you feel you needed help for your

Alcohol use?

(1) Yes (2) I do not drink alcohol
(3) No

Cigarette smoking?

(1) Yes (2) I do not smoke
(3) No

Other drug use?

(1) Yes (2) I do not use other drugs
(3) No

Gambling?

(1) Yes (2) I do not gamble
(3) No

90. In the past 12 months, did you use any services or receive help to deal with your

Alcohol use?

(1) Yes (2) I do not drink alcohol
(3) No

Cigarette smoking?

(1) Yes (2) I do not smoke
(3) No

Other drug use?

(1) Yes (2) I do not use other drugs
(3) No

Gambling?

(1) Yes (2) I do not gamble
(3) No

The next section asks about your feelings.

91. For the next 6 statements, please mark the response that best describes how you felt in the PAST 6 MONTHS.

I could not sit still, I was restless.
(1) Not true (2) Sometimes true (3) Often true

I was easily distracted, I had trouble sticking to any activity.
(1) Not true (2) Sometimes true (3) Often true

I was fidgety.
(1) Not true (2) Sometimes true (3) Often true

I could not concentrate, I could not pay attention.
(1) Not true (2) Sometimes true (3) Often true

I was impulsive, I acted without thinking.
(1) Not true (2) Sometimes true (3) Often true

I had difficulty waiting my turn in games or group activities
(1) Not true (2) Sometimes true (3) Often true

92. For the next 13 statements, please mark the response that best describes how you felt in the PAST 7 DAYS.

I did not feel like eating; my appetite was poor.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I felt like I could not shake off the blues even with help from my family or friends.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I had trouble keeping my mind on what I was doing.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I felt depressed.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I felt like I was too tired to do things.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I felt hopeful about the future.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

My sleep was restless.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I was happy.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I felt lonely.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I enjoyed life.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I had crying spells.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I felt people disliked me.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

I felt irritable.
(A) Never or rarely (C) Often
(B) Sometimes (D) Always

93. For the next 4 statements, please mark the response that best describes how you felt in the PAST 30 DAYS.

I felt that I was unable to control the important things in my life.
(A) Never (C) Fairly often
(B) Almost never (D) Often
(C) Sometimes

I felt confident about my ability to handle my personal problems.
(A) Never (C) Fairly often
(B) Almost never (D) Often
(C) Sometimes

I felt that things were going my way.
(A) Never (C) Fairly often
(B) Almost never (D) Often
(C) Sometimes

I felt that difficulties were piling up so high that I could not overcome them.
(A) Never (C) Fairly often
(B) Almost never (D) Often
(C) Sometimes

94. For the next 5 statements, please mark the response that best describes how you felt in the PAST 30 DAYS.

I got really frightened for no reason at all.
(A) Not true (B) Sometimes true (C) Often true

I was afraid to be alone in the house.
(A) Not true (B) Sometimes true (C) Often true

People told me that I worry too much.
(A) Not true (B) Sometimes true (C) Often true

I was scared to go to school.
(A) Not true (B) Sometimes true (C) Often true

I was shy.
(A) Not true (B) Sometimes true (C) Often true

95. In the past 12 months, did you feel you needed help because you felt

Depressed?
(1) Yes (2) No (3) I did not feel depressed

Stressed?
(1) Yes (2) No (3) I did not feel stressed

Anxious?
(1) Yes (2) No (3) I did not feel anxious

96. In the past 12 months, did you use any services or receive help because you felt

Depressed?
(1) Yes (2) No (3) I did not feel depressed

Stressed?
(1) Yes (2) No (3) I did not feel stressed

Anxious?
(1) Yes (2) No (3) I did not feel anxious

The next 2 questions ask about school drug education and rules.

97. How many classes did you have in this school year that talked about decision-making, peer pressure, assertiveness or refusal skills?

(1) None (3) Three or more classes
(2) One or two classes

98. Does your school have a rule against using tobacco on school property or at school events?

(1) Yes (2) No (3) Don't know

ADDITIONAL INFORMATION

Is there anything else you would like to tell us related to the questions in this survey?

If you would like to speak to someone about your alcohol use, other drug use or gambling, or you want help or information, you may contact the Addiction Services office in your area.

Thank you for participating in this survey.

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SERIAL

APPENDIX 2

Questionnaire français

SONDAGE SUR L'USAGE DE L'ALCOOL ET DES DROGUES PARMI LES ÉLÈVES DES PROVINCES ATLANTIQUES

Dans ce questionnaire, nous vous demandons de nous dire ce que vous savez et ce que vous pensez au sujet de l'alcool, du tabac et des autres drogues, et si vous utilisez une ou plusieurs de ces substances. De plus, nous vous demandons des informations sur vos comportements sexuels, votre santé mentale et vos habitudes concernant les jeux de hasard. Les renseignements que vous nous fournirez nous aideront à améliorer l'éducation et les services dirigés aux élèves en matière de drogues. Aussi est-il important que vous répondiez à chaque question le plus honnêtement possible. Ceci n'est pas un test – et, par conséquent, il n'y a pas de bonnes ou mauvaises réponses.

N'ÉCRIVEZ PAS VOTRE NOM SUR LE QUESTIONNAIRE.
N'ÉCRIVEZ PAS VOTRE NOM SUR L'ENVELOPPE BRUNE.

Vos réponses ne seront pas montrées à vos parents ou à vos professeurs. Aucun renseignement sur un élève en particulier n'apparaîtra dans les rapports de recherche. Il n'y a aucun moyen de reconnaître votre identité à partir du questionnaire.

Votre participation est volontaire. Vous n'êtes pas obligé de participer. Vous pouvez passer les questions qui vous rendent mal à l'aise. Il n'y a pas de bénéfice direct lié à votre participation.

INSTRUCTIONS

1. **Lisez chaque question attentivement. Notez que le masculin inclut le féminin.**
2. **Lisez toutes les réponses à chaque question avant de décider laquelle correspond le mieux à ce que vous pensez.**
3. **Utilisez les crayons qui vous sont fournis pour marquer vos réponses. N'utilisez pas de crayons à bille ou de stylos.**
4. **S'il y a des questions auxquelles vous ne voulez pas répondre laissez ces questions en blanc.**
5. **Sur le questionnaire, indiquez très clairement votre réponse en remplissant complètement au crayon le cercle choisi.**
6. **Si vous voulez changer votre réponse, effacez soigneusement les traces de crayon de la première réponse.**
7. **Il ne faut remplir qu'un cercle par question.**

EXEMPLES

FAUX

CORRECT

8. **Ne faites pas de marques sur le questionnaire autre que votre réponse.**
9. **Si vous avez des questions durant ce sondage, veuillez lever la main. Ne demandez pas de l'aide à vos camarades de classe.**
10. **Lorsque vous aurez terminé, placez votre questionnaire dans l'enveloppe brune que vous fermerez en la collant. N'ÉCRIVEZ PAS VOTRE NOM SUR L'ENVELOPPE.**

SERIAL

1. Quels sont les trois premiers caractères alphanumériques du code postal de votre domicile?

2. Etes-vous de sexe masculin ou féminin?
   (A) Sexe masculin (B) Sexe féminin

3. En quelle année êtes-vous?
   (A) Septième année (B) Dixième année
   (C) Huitième année (D) Onzième année
   (E) Neuvième année (F) Douzième année

4. Quel âge avez-vous?
   (A) 11 ans ou moins (E) 16 ans
   (B) 12 ans (F) 17 ans
   (C) 13 ans (G) 18 ans
   (D) 14 ans (H) 19 ans ou plus
   (E) 15 ans

5. Quelle moyenne avez-vous obtenu à l'école cette année?
   (A) 80% ou plus (D) 60% - 64%
   (B) 70% - 79% (E) Moins de 60%
   (C) 65% - 69% (F) Je ne sais pas

6. Avec qui habitez-vous actuellement?
   (A) Ma mère et mon père
   (B) Ma mère
   (C) Mon père
   (D) Ma mère et mon beau-père
   (E) Mon père et ma belle-mère
   (F) J'habite seul ou avec des amis (je suis autonome)
   (G) Autre (veuillez préciser) _____

7. Jusqu'à quel niveau votre mère a-t-elle étudié?
   (A) Elle a un diplôme universitaire
   (B) Elle a fréquenté l'université mais n'a pas obtenu de diplôme
   (C) Elle a un diplôme collégial ou un diplôme de collège communautaire
   (D) Elle a fréquenté un collège ou un collège communautaire mais n'a pas obtenu de diplôme
   (E) Elle a un diplôme d'études secondaires
   (F) Elle a fréquenté une école secondaire mais n'a pas obtenu de diplôme
   (G) Elle n'a pas fréquenté d'école secondaire
   (H) Je ne sais pas
   (I) Je n'ai pas de mère

8. Combien de véhicules (voiture, camionnette ou camion) votre famille possède-t-elle?
   (A) Aucun (B) Un (C) Deux ou plus

9. Avez-vous votre propre chambre à coucher?
   (A) Oui (B) Non

10. Depuis les 12 derniers mois, combien de fois avez-vous fait un voyage avec votre famille?
    (A) Pas du tout (C) Deux fois
    (B) Une fois (D) Plus de deux fois

11. Combien d'ordinateurs votre famille possède-t-elle?
    (A) Aucun (C) Deux
    (B) Un (D) Plus de deux

12. Votre famille a-t-elle une connexion Internet à la maison?
    (A) Oui (B) Non

Les trois questions suivantes concernent vos parents. Par mère et père, nous incluons celle ou celui que vous considérez comme tels. Il peut s'agir de: parents biologiques, parents adoptifs, beaux-parents, parents de même sexe, ou parents nourriciers.

13. Durant vos loisirs à l'extérieur de la maison, un de vos parents sait-il où vous êtes?
    (A) Toujours (C) Rarement
    (B) Souvent (D) Jamais
    (E) Parfois (F) Je n'ai pas de parents

14. Lorsque vous avez des problèmes, en parlez-vous à votre mère?
    (A) Toujours (C) Rarement
    (B) Souvent (D) Jamais
    (E) Parfois (F) Je n'ai pas de mère

15. Lorsque vous avez des problèmes, en parlez-vous à votre père?
    (A) Toujours (C) Rarement
    (B) Souvent (D) Jamais
    (E) Parfois (F) Je n'ai pas de père

16. En général, diriez-vous que votre santé est...
    (A) excellente? (D) assez bonne?
    (B) très bonne? (E) mauvaise?
    (C) bonne?

17. Depuis combien de temps avez-vous un permis de conduire pour une auto ou une motocyclette?
    (A) Je n'ai pas de permis de conduire
    (B) J'ai un permis de débutant(e) ou un permis temporaire
    (C) J'ai mon permis depuis moins d'un an
    (D) Cela fait entre un ou deux ans que j'ai mon permis.
    (E) J'ai mon permis depuis plus de deux ans

18. Au cours des 12 derniers mois, avez-vous eu un accident alors que VOUS conduisiez un véhicule à moteur?
    (A) Oui (B) Non

19. Parmi vos camarades, combien d'entre eux font usage du TABAC?

(A) Aucun (D) Plus de la moitié
(B) Un petit nombre (E) Tous
(C) Environ la moitié

20. Parmi vos camarades, combien d'entre eux consomment de L'ALCOOL?

(A) Aucun (D) Plus de la moitié
(B) Un petit nombre (E) Tous
(C) Environ la moitié

21. Parmi vos camarades, combien d'entre eux consomment du CANNABIS (appelé aussi marijuana, « grass », herbe, « pot », « hasch », « huile de haschisch »)?

(A) Aucun (D) Plus de la moitié
(B) Un petit nombre (E) Tous
(C) Environ la moitié

22. Quel âge aviez-vous quand vous avez fumé une cigarette en entier pour la première fois?

(A) Je n'ai jamais fumé une cigarette en entier
(B) 10 ans ou plus jeune (G) 15 ans
(C) 11 ans (H) 16 ans
(D) 12 ans (I) 17 ans
(E) 13 ans (J) 18 ans
(F) 14 ans (K) 19 ans ou plus

23. Au cours des 12 derniers mois, combien de cigarettes avez-vous habituellement fumé par jour?

(A) Je n'ai jamais fumé
(B) Je n'ai pas fumé de cigarettes au cours des 12 derniers mois
(C) J'ai fumé une cigarette au cours des 12 derniers mois
(D) J'ai fumé moins d'une cigarette par jour
(E) J'ai fumé 1 ou 2 cigarettes par jour
(F) De 3 à 5 cigarettes par jour
(G) De 6 à 10 cigarettes par jour
(H) De 11 à 15 cigarettes par jour
(I) De 16 à 20 cigarettes par jour
(J) Plus de 20 cigarettes par jour

24. Avez-vous fumé 100 cigarettes ou plus dans votre vie?

(A) Oui (B) Non (C) Je ne sais pas

25. Avez-vous essayé d'arrêter de fumer au cours des six derniers mois?

(A) Oui (B) Non
(C) Je n'ai jamais fumé / Je n'ai fumé que quelques fois

26. Depuis le début de CETTE année scolaire, votre école a-t-elle pris une des actions suivantes parce que vous aviez fumé des cigarettes sur le terrain de l'école?

L'école vous a donné un avertissement.

(A) Oui (C) Je ne fume pas sur le terrain de l'école
(B) Non (D) Je ne fume pas

L'école vous a donné des heures de retenue.

(A) Oui (C) Je ne fume pas sur le terrain de l'école
(B) Non (D) Je ne fume pas

L'école vous a donné une suspension externe.

(A) Oui (C) Je ne fume pas sur le terrain de l'école
(B) Non (D) Je ne fume pas

L'école vous a offert de l'aide à arrêter de fumer.

(A) Oui (C) Je ne fume pas sur le terrain de l'école
(B) Non (D) Je ne fume pas

27. À quel âge avez-vous bu de l'alcool pour la première fois?

(A) Je n'ai jamais bu de l'alcool
(B) 10 ans ou moins (G) 15 ans
(C) 11 ans (H) 16 ans
(D) 12 ans (I) 17 ans
(E) 13 ans (J) 18 ans
(F) 14 ans (K) 19 ans ou plus

28. Au cours des 12 derniers mois, combien de fois avez-vous bu de l'alcool – bière, vin, « coolers », alcool fort (rhum, whisky, vodka, gin, etc.)?

(A) Pas du tout
(B) Une gorgée
(C) Une fois par mois ou moins souvent
(D) Deux ou trois fois par mois
(E) Une fois par semaine
(F) Deux fois par semaine
(G) Trois fois par semaine
(H) Quatre ou cinq fois par semaine
(I) Presque tous les jours - six fois ou plus par semaine

29. La DERNIÈRE FOIS que vous avez bu de l'alcool, comment l'avez-vous acquis?

(A) Je l'ai acheté moi-même
(B) Un ami l'a acheté pour moi
(C) Un ami ou des amis me l'ont offert
(D) Mes parents me l'ont offert
(E) D'autres adultes me l'ont offert
(F) Je l'ai pris à la maison sans la permission de mes parents
(G) Je ne bois pas d'alcool

30. Au cours des 12 derniers mois, est-ce que votre consommation d'alcool a affecté votre travail scolaire ou vos examens au point où vous n'avez pas réussi aussi bien que vous auriez dû?

(A) Oui (B) Non (C) Je ne bois pas d'alcool

31. Au cours des 12 derniers mois, est-ce que votre consommation d'alcool a entraîné des tensions ou des désaccords entre vous et votre famille ou vos amis?

(A) Oui (B) Non (C) Je ne bois pas d'alcool

32. Au cours des 12 derniers mois, avez-vous eu des problèmes avec la police parce que vous aviez bu de l'alcool?

(A) Oui (B) Non (C) Je ne bois pas d'alcool

33. Au cours des 12 derniers mois, est-ce que vos dépenses occasionnées par l'achat d'alcool vous ont empêché d'acheter d'autres choses?

(A) Oui (B) Non (C) Je ne bois pas d'alcool

34. Au cours des 12 derniers mois, avez-vous consommé de l'alcool avant le déjeuner ou à la place du déjeuner?

(A) Oui (B) Non (C) Je ne bois pas d'alcool

35. Au cours des 12 derniers mois, avez-vous endommagé des objets après avoir consommé de l'alcool?

(A) Oui (B) Non (C) Je ne bois pas d'alcool

36. Au cours des 12 derniers mois, vous êtes-vous blessé à cause de votre consommation d'alcool?

(A) Oui (B) Non (C) Je ne bois pas d'alcool

37. Au cours des 12 derniers mois, combien de fois avez-vous été boire de l'alcool dans un bar, une taverne ou un autre lieu où l'on vend de l'alcool?

(A) Jamais (D) Trois fois ou plus
(B) Une fois (E) Je ne bois pas d'alcool
(C) Deux fois

38. Au cours des 12 derniers mois, avez-vous utilisé de faux papiers d'identité ou menti au sujet de votre âge pour :

Vous procurer de l'alcool?

(A) Oui (C) Je ne bois pas d'alcool
(B) Non

Acheter des cigarettes?

(A) Oui (C) Je ne fume pas
(B) Non

Acheter des billets de loterie ou des cartes à gratter?

(A) Oui (C) Je n'achète pas ces produits
(B) Non

Jouer sur des machines à sous?

(A) Oui (C) Je ne joue pas sur
(B) Non des machines

39. Au cours des 12 derniers mois, combien de fois avez-VOUS conduit un véhicule à moteur moins d'une heure après avoir pris deux consommations alcoolisées ou plus?

(A) Jamais (D) Trois fois ou plus
(B) Une fois (E) Je ne bois pas d'alcool
(C) Deux fois Je ne conduis pas

40. Au cours des 12 derniers mois, avez-vous eu un accident lorsque VOUS conduisiez un véhicule à moteur, et ce après avoir bu de l'alcool dans les deux heures qui précédaient?

(A) Jamais (D) Trois fois ou plus
(B) Une fois (E) Je ne bois pas d'alcool
(C) Deux fois Je ne conduis pas

41. Au cours des 12 derniers mois, combien de fois avez-vous été PASSAGER dans un véhicule conduit par une personne qui avait consommé trop d'alcool?

(A) Jamais (D) Deux fois
(B) Une fois (E) Trois fois ou plus

42. Au cours des 12 derniers mois, combien de fois avez-vous consommé du CANNABIS (appelé aussi marijuana, « grass », herbe, « pot », « hasch », « huile de haschisch ») ?

(A) Je ne sais pas ce qu'est le cannabis
(B) Je n'ai jamais consommé de cannabis
(C) Je n'ai pas consommé de cannabis au cours des 12 derniers mois
(D) Une fois
(E) Deux fois
(F) Trois ou quatre fois
(G) Entre cinq et huit fois
(H) Entre 9 et 12 fois (une fois par mois environ)
(I) Entre 13 et 26 fois (deux fois par mois environ)
(J) Vingt-sept fois ou plus (plus de deux fois par mois)

43. À quel âge avez-vous consommé du cannabis pour la première fois?

(A) Je n'ai jamais consommé de cannabis
(B) 10 ans ou moins (G) 15 ans
(C) 11 ans (H) 16 ans
(D) 12 ans (I) 17 ans
(E) 13 ans (J) 18 ans
(F) 14 ans (K) 19 ans ou plus

44. Au cours des 12 derniers mois, avez-vous pris des substances INHALÉES (dissolvants ou colle) pour modifier votre humeur (tripper)?

(A) Je ne connais pas ces substances
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et 8 fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus que deux fois par mois)

45. Au cours des 12 derniers mois, avez-vous pris des TRANQUILLISANTS ou des CALMANTS (Valium®, Ativan®, Xanax®, trangs, 5s, 10s) sans ordonnance de médecin ou sans qu'un médecin vous ait dit d'en prendre?

(A) Je ne connais pas ces substances
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et 8 fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus que deux fois par mois)

46. Au cours ces 12 derniers mois, avez-vous pris du LSD (acide, cide)?

(A) Je ne sais pas ce qu'est le LSD
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

47. Au cours des 12 derniers mois, avez-vous pris de la PSILOCYBINE (champignons magiques) ou de la MESCALINE (Mesc)?

(A) Je ne sais pas ce qu'est la psilocybine ou la mescaline
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

48. Au cours des 12 derniers mois, avez-vous pris de la QUABALINE (« quabs », « zippers »)?

(A) Je ne sais pas ce qu'est la quabaline.
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

49. Au cours des 12 derniers mois, avez-vous consommé de la COCAÏNE (neige ou coke) ou du CRACK (roche)?

(A) Je ne sais pas ce qu'est la cocaïne ou le crack
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

50. Au cours des 12 derniers mois, avez-vous pris de l'ECSTASY ou de la MDMA?

(A) Je ne sais pas ce qu'est l'ecstasy ou la MDMA
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

51. Au cours des 12 derniers mois, avez-vous pris des AMPHÉTAMINES (Dexedrine®, Adderall XR®, « bennies », dopants) sans ordonnance d'un médecin ou sans qu'un médecin vous ait dit d'en prendre?

(A) Je ne sais pas ce que sont les amphétamines
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

Au cours des 12 derniers mois, avez-vous pris du RITALIN® ou du CONCERTA® (méthylphénidate) sans ordonnance d'un médecin ou sans qu'un médecin vous ait dit d'en prendre?

(A) Je ne sais pas ce qu'est le Ritalin® ou le Concerta®
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

Au cours des 12 derniers mois, avez-vous pris des médicaments anti douleur (Percocet®, Percodan®, Tylenol#3®, Dilaudid®, OxyContin®, codéine) sans ordonnance d'un médecin ou sans qu'un médecin vous ait dit d'en prendre?

(A) Je ne sais pas ce que sont les médicaments anti douleur
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

Au cours des 12 derniers mois, avez-vous fait usage de STÉROÏDES (comme les musculateurs, la testostérone, le Dianabol, les hormones de croissance ou les anabolisants) afin d'augmenter vos performances dans un sport, augmenter votre degré d'activité, ou changer votre apparence physique?

(A) Je ne sais pas ce que sont les stéroïdes
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

55. Au cours des 12 derniers mois, avez-vous pris de la METHAMPHÉTAMINE (cristal meth, speed, crank, chalk, ice)?

(A) Je ne sais pas ce qu'est la methamphétamine
(B) Jamais
(C) Une fois
(D) Deux fois
(E) Trois ou quatre fois
(F) Entre cinq et huit fois
(G) Entre 9 et 12 fois (une fois par mois environ)
(H) Entre 13 et 26 fois (deux fois par mois environ)
(I) Vingt-sept fois ou plus (plus de deux fois par mois)

56. Au cours des 12 derniers mois, avez-vous pris des médicaments anti douleur, du speed ou de la cocaïne, par injection ou par seringue (vous-êtes vous shooté ou piqué)?

(A) J'ai pris une ou plusieurs de ces drogues par injection
(B) J'ai pris une ou plusieurs de ces drogues, mais pas par injection
(C) Je n'ai pas pris des drogues

57. Au cours des 12 derniers mois, est-ce que votre consommation de drogues (autres que l'alcool) a affecté votre travail scolaire ou vos examens, au point où vous n'avez pas réussi aussi bien que vous auriez dû?

(A) Oui (C) Je ne fais pas usage de drogues
(B) Non

58. Au cours des 12 derniers mois, est-ce que votre consommation de drogues (autres que l'alcool) a entraîné des tensions ou des désaccords entre vous et votre famille ou vos amis?

(A) Oui (C) Je ne fais pas usage de drogues
(B) Non

59. Au cours des 12 derniers mois, avez-vous eu des problèmes avec la police parce que vous aviez consommé des drogues (autres que l'alcool)?

(A) Oui (C) Je ne fais pas usage de drogues
(B) Non

60. Au cours des 12 derniers mois, est-ce que vos dépenses occasionnées par l'achat de drogues (autres que l'alcool) vous ont empêché d'acheter d'autres choses?

(A) Oui (C) Je ne fais pas usage de drogues
(B) Non

61. Au cours des 12 derniers mois, avez-vous endommagé des objets après avoir consommé des drogues (autres que l'alcool)?

(A) Oui (C) Je ne fais pas usage de drogues
(B) Non

62. Au cours des 12 derniers mois, avez-vous subi une blessure due à votre consommation de drogues (autres que l'alcool)?

① Oui ② Je ne fais pas usage de drogues
② Non

63. Au cours des 12 derniers mois, combien de fois avez-vous conduit un véhicule à moteur moins d'une heure après avoir consommé du cannabis?

① Jamais ④ Trois fois ou plus
② Une fois ⑤ Je ne fais pas usage de cannabis/Je ne conduis pas
③ Deux fois

64. Au cours des 12 derniers mois, combien de fois avez-vous été PASSAGER dans un véhicule conduit pas une personne qui avait pris du cannabis?

① Jamais ④ Deux fois
② Une fois ⑤ Trois fois ou plus

Les 7 prochaines questions vous demandent des renseignements sur votre consommation au cours des 30 DERNIERS JOURS.

65. Au cours des 30 derniers jours, combien de fois avez-vous bu de l'alcool au point de vous soûler (c'est-à-dire au point de ne plus savoir ce que vous faisiez ou au point de vomir)?

① Je n'ai pas bu d'alcool du tout au cours des 30 derniers jours
② Je ne me suis pas soûlé au cours des 30 derniers jours
③ Je me suis soûlé une fois
④ Deux fois
⑤ Trois fois
⑥ Quatre fois
⑦ Cinq fois et plus

Pour la question no 66,
UNE CONSOMMATION équivaut à :
1 bouteille de bière (environ 341 ml = 12 onces)
OU
1 verre de vin (environ 118 ml = 4 onces)
OU
1 petit verre d'alcool fort (environ 30 ml = 1 once)

66. Au cours des 30 derniers jours, combien de fois avez-vous pris cinq consommations ou plus lors de la même occasion?

① Je n'ai pas bu d'alcool du tout au cours des 30 derniers jours
② Je n'ai pas pris cinq consommations alcoolisées ou plus au cours de la même occasion pendant les 30 derniers jours
③ Il m'est arrivé une fois de prendre cinq consommations alcoolisées ou plus au cours de la même occasion pendant les 30 derniers jours.
④ Deux fois
⑤ Trois fois
⑥ Quatre fois
⑦ Cinq fois ou plus

67. Au cours des 30 derniers jours, comment souvent avez-vous consommé du CANNABIS (marijuana, « grass », herbe, « pot », haschisch)?

① Jamais pendant les 30 derniers jours
② Moins souvent qu'à chaque semaine
③ Toutes les semaines ou presque toutes les semaines
④ Tous les jours ou presque tous les jours

68. Au cours des 30 derniers jours, comment souvent avez-vous consommé du CANNABIS pendant les jours d'école durant les heures d'école?

① Jamais pendant les 30 derniers jours
② Moins souvent qu'à chaque semaine
③ Toutes les semaines ou presque toutes les semaines
④ Tous les jours ou presque tous les jours

69. Au cours des 30 derniers jours, combien de fois avez-vous pris des AMPHÉTAMINES (Dexedrine®, Adderall XR®) qui vous avaient été prescrites par votre médecin?

① Je ne prend pas des amphétamines d'ordonnance
② J'ai pris des amphétamines d'ordonnance une fois par jour
③ Deux fois par jour
④ Trois fois par jour
⑤ Quatre fois par jour

70. Au cours des 30 derniers jours, combien de fois avez-vous pris du RITALIN® ou CONCERTA® (méthylphénidate) qui vous avait été prescrit par votre médecin?

① Je ne prend pas de Ritalin ou Concerta® d'ordonnance
② J'ai pris du Ritalin ou Concerta® d'ordonnance une fois par jour
③ Deux fois par jour
④ Trois fois par jour
⑤ Quatre fois par jour

71. Au cours des 30 derniers jours, combien de fois avez-vous pris des calmants (Valium®, Ativan®, Xanax®) tels qu'ordonnés par votre médecin?

(A) Je ne prends pas de calmants d'ordonnance
(B) J'ai pris des calmants d'ordonnance une fois par jour
(C) Deux fois par jour
(D) Trois fois par jour
(E) Quatre fois par jour

La section suivante posent des questions sur vos décisions concernant vos relations sexuelles. Vous pouvez passer les questions qui vous rendent mal à l'aise.

Veuillez lire la définition sur la relation sexuelle vaginale, et puis répondez aux questions #72 et #73:

« La relation sexuelle vaginale survient lorsque le pénis d'un mâle pénètre le vagin d'une femelle. Durant cet acte, les deux personnes participent à une relation sexuelle vaginale.»

72. Au cours des 12 derniers mois, avez-vous eu des relations sexuelles vaginales?

(A) Oui
(B) Non
(C) Je n'ai jamais eu de relation sexuelle vaginale

73. À quel âge avez-vous eu une première relation sexuelle vaginale?

(A) Je n'ai jamais eu de relation sexuelle vaginale
(B) 10 ans ou moins
(C) 11 ans
(D) 12 ans
(E) 13 ans
(F) 14 ans
(G) 15 ans
(H) 16 ans
(I) 17 ans
(J) 18 ans
(K) 19 ans ou plus

Veuillez lire la définition suivante sur la relation sexuelle anale, et puis répondez à la question #74:

« La relation sexuelle anale survient lorsque le pénis d'un mâle pénètre l'anus ou le rectum d'une autre personne. Durant cet acte, les deux personnes participent à une relation sexuelle anale.»

74. Au cours des 12 derniers mois, avez-vous eu des relations sexuelles anales?

(A) Oui
(B) Non
(C) Je n'ai jamais eu de relation sexuelle anale

Veuillez lire la définition suivante sur la relation sexuelle orale, et puis répondez à la question #75:

« La relation sexuelle orale survient lorsque le pénis d'un mâle pénètre la bouche d'une autre personne, ou lorsque la bouche d'une personne entre en contacte avec la vulve ou le vagin d'une femelle. Lors de l'un ou de l'autre de ces actes, les deux personnes participent à une relation sexuelle orale.»

75. Au cours des 12 derniers mois, avez-vous eu des relations sexuelles orales?

(A) Oui
(B) Non
(C) Je n'ai jamais eu de relation sexuelle orale

Pour les 6 questions suivantes, la relation sexuelle signifie vaginale, anale ou orale.

76. Au cours des 12 derniers mois, avec combien de partenaires **masculins** différents avez-vous eu des relations sexuelles?

(A) Je n'ai jamais eu de relation sexuelle
(B) Je n'ai pas eu de relation sexuelle au cours des 12 derniers mois
(C) Je n'ai eu aucun partenaire masculin au cours des 12 derniers mois
(D) J'ai eu un partenaire masculin au cours des 12 derniers mois
(E) Deux partenaires masculins
(F) Trois partenaires masculins ou plus

77. Au cours des 12 derniers mois, avec combien de partenaires **féminines** différentes avez-vous eu des relations sexuelles?

(A) Je n'ai jamais eu de relation sexuelle
(B) Je n'ai pas eu de relation sexuelle au cours des 12 derniers mois
(C) Je n'ai eu aucune partenaire féminine au cours des 12 derniers mois
(D) J'ai eu une partenaire féminine au cours des 12 derniers mois
(E) Deux partenaires féminines
(F) Trois partenaires féminines ou plus

78. La DERNIÈRE FOIS que vous avez eu des relations sexuelles, avez-vous consommé de l'alcool ou de la drogue auparavant?

(A) Je n'ai jamais eu de relation sexuelle
(B) Non, je n'ai pas consommé de l'alcool ou de la drogue auparavant
(C) Oui, j'ai consommé de l'alcool ou de la drogue auparavant

79. La DERNIÈRE FOIS que vous avez eu des relations sexuelles, est-ce que vous ou votre partenaire avez utilisé un condom ou une autre barrière en latex (barrière dentaire)?

(A) Je n'ai jamais eu de relation sexuelle
(B) Non, nous n'avons pas utilisé de condom ou autre barrière
(C) Oui, nous avons utilisé un condom ou autre barrière

80. Au cours des 12 derniers mois, avez-vous eu des relations sexuelles non planifiées?

(A) Je n'ai jamais eu de relation sexuelle
(B) Je n'ai pas eu de relation sexuelle au cours des 12 derniers mois.
(C) J'ai eu des relations sexuelles au cours des 12 derniers mois mais toujours les ayant planifiées
(D) Oui, j'ai eu des relations sexuelles non planifiées

81. Au cours des 12 derniers mois, avez-vous eu des relations sexuelles non planifiées après avoir consommé de l'alcool ou de la drogue?

(A) Je n'ai jamais eu de relation sexuelle
(B) Je n'ai pas eu de relation sexuelle au cour des 12 derniers mois.
(C) Je n'ai pas eu de relation sexuelle non planifiées au cour des 12 derniers mois
(D) J'ai eu des relations sexuelles non planifiées mais pas après avoir consommé de l'alcool ou de la drogue
(E) Oui, j'ai eu des relations sexuelles non planifiées après avoir consommé de l'alcool ou de la drogue

82. Les gens ont des sentiments variés face à eux-mêmes lorsqu'il est question d'attirance pour les autres. La quelle des phrases suivantes décrit le mieux vos sentiments?

(A) 100% hétérosexuel (attirance pour la personne du sexe oppose)
(B) Surtout hétérosexuel
(C) Bisexuel (attirance pour les hommes et les femmes)
(D) Plutôt homosexuel
(E) 100% homosexuel (« gai/lesbienne », attirance pour la personne du même sexe)
(F) Je ne suis pas certain

La section suivante concerne les jeux de hasard.

83. Pendant les derniers 12 mois, combien de fois avez-vous :

Joué aux cartes pour de l'argent?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué au bingo pour de l'argent?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Parié sur des activités sportives?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué à la loterie Sport Select?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué a toute autre loterie?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué sur des machines à sous?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué à des jeux "grater-et-gagner"?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué à des jeux "tirez-et-gagnez"?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué des jeux de sites Internet pour de l'argent?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

Joué des jeux de sites Internet avec des points ou de l'argent faux?
(A) Jamais (D) Chaque semaine
(B) Moins d'une fois par mois (E) Chaque jour
(C) Une fois par mois

84. Au cours des 12 derniers mois, est-ce que vos paris impliquant l'argent vous ont causé des problèmes tels que des disputes avec votre famille et vos amis ou des problèmes à l'école ou au travail?

(A) Oui (C) Je ne joue pas pour de l'argent
(B) Non

85. Au cours des 12 derniers mois, avez-vous dépensé plus d'argent au jeu que vous ne l'aviez prévu?

(A) Oui (C) Je ne joue pas pour de l'argent
(B) Non

86. Au cours des 12 derniers mois, vous a-t-on critiqué pour votre participation à des paris ou vous a-t-on dit que vous aviez un problème de jeux impliquant l'argent, que vous le croyiez ou non?

(A) Oui (C) Je ne joue pas pour de l'argent
(B) Non

87. Au cours des 12 derniers mois, vous êtes-vous absenté de l'école ou du travail pour parier de l'argent?

(A) Oui (C) Je ne joue pas pour de l'argent
(B) Non

88. Au cours des 12 derniers mois, avez-vous emprunté ou volé quelque chose pour parier de l'argent ou régler vos dettes de jeu?

(A) Oui (C) Je ne joue pas pour de l'argent
(B) Non

La prochaine section concerne les demandes d'aide.

89. Au cours des 12 derniers mois, avez-vous eu le sentiment d'avoir besoin d'aide pour

Votre consommation d'alcool?

(A) Oui (C) Je ne consomme pas d'alcool
(B) Non

Votre consommation de cigarettes?

(A) Oui (C) Je ne fume pas
(B) Non

Votre consommation de drogues?

(A) Oui (C) Je ne consomme pas de drogues
(B) Non

Votre participation dans les jeux de hasard?

(A) Oui (C) Je ne joue pas au jeux de hasard
(B) Non

90. Au cours des 12 derniers mois, avez-vous utilisé des services ou reçu de l'aide pour

Votre consommation d'alcool?

(A) Oui (C) Je ne consomme pas d'alcool
(B) Non

Votre consommation de cigarettes?

(A) Oui (C) Je ne fume pas
(B) Non

Votre consommation de drogues?

(A) Oui (C) Je ne consomme pas de drogues
(B) Non

Votre participation dans les jeux de hasard?

(A) Oui (C) Je ne joue pas au jeux de hasard
(B) Non

La section suivante pose des questions sur vos sentiments.

91. Pour les 6 prochaines affirmations, veuillez indiquer la réponse qui décrit le mieux vos sentiments au cours des SIX DERNIERS MOIS.

Je ne pouvais rester assis tranquillement, j'étais agité.

(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

J'étais facilement distrait, j'avais du mal à persévérer dans une activité.

(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

Je ne me tenais pas en place.

(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

Je ne pouvais pas me concentrer ou être attentif.

(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

J'étais impulsif, j'agissais sans réfléchir.

(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

J'avais du mal à attendre à mon tour dans les jeux ou les activités de groupe.

(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

92. Pour les 13 prochaines affirmations, veuillez indiquer la réponse qui décrit le mieux vos sentiments au cours des SEPT DERNIERS JOURS.

Je n'avais pas envie de manger, j'avais peu d'appétit.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

Je ne pouvais pas venir à bout de mon cafard même avec l'aide de ma famille et de mes amis.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

J'avais du mal à me concentrer sur ce que je faisais.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

Je me sentais déprimé.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

Je me sentais trop fatigué pour agir.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

J'étais plein d'espoir envers l'avenir.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

J'avais un sommeil agité.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

J'étais heureux.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

Je me sentais seul.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

Je jouissais de la vie.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

J'avais des crises de larmes.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

Je pensais que l'on me détestais.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

Je me sentais irritable.
(A) Jamais ou rarement (C) Souvent
(B) Parfois (D) Toujours

93. Pour les 4 prochaines affirmations, veuillez indiquer la réponse qui décrit le mieux vos sentiments au cours des 30 DERNIERS JOURS.

J'étais incapable de contrôler les choses importantes de ma vie.
(A) Jamais (C) Souvent
(B) Presque jamais (D) Très souvent
(E) Parfois

J'avais confiance en mon habilité de maîtriser mes problèmes personnels.
(A) Jamais (C) Souvent
(B) Presque jamais (D) Très souvent
(E) Parfois

J'avais confiance que tout fonctionnait bien.
(A) Jamais (C) Souvent
(B) Presque jamais (D) Très souvent
(E) Parfois

Je croyait avoir de si nombreux problèmes qu'il m'était impossible des surmonter.
(A) Jamais (C) Souvent
(B) Presque jamais (D) Très souvent
(E) Parfois

94. Pour les 5 prochaines affirmations, veuillez indiquer la réponse qui décrit le mieux vos sentiments au cours des 30 DERNIERS JOURS.

J'étais très peureux pour aucune raison.
(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

J'avais peur d'être seul à la maison.
(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

On m'a dit que je m'inquiétais trop.
(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

J'avais peur d'aller à l'école.
(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

J'étais timide.
(A) Pas vrai (B) Parfois vrai (C) Souvent vrai

95. Au cours des 12 derniers mois, avez-vous pensé que vous aviez besoin d'aide parce que vous vous sentiez

Déprimé?
(A) Oui (B) Non (C) Je n'étais pas déprimé

Stressé?
(A) Oui (B) Non (C) Je n'étais pas stressé

Anxieux?
(A) Oui (B) Non (C) Je n'étais pas anxieux

96. Au cours des 12 derniers mois, avez-vous eu recours à des services d'aide ou avez-vous reçu de l'aide parce que vous vous sentiez

Déprimé?
(A) Oui (B) Non (C) Je n'étais pas déprimé

Stressé?
(A) Oui (B) Non (C) Je n'étais pas stressé

Anxieux?
(A) Oui (B) Non (C) Je n'étais pas anxieux

Les deux questions suivantes portent sur l'éducation et les règlements sur les drogues à l'école.

97. Dans combien de vos cours, pendant cette année scolaire, vous a-t-on parlé de la manière de prendre des décisions, de répondre à la pression des pairs, de s'affirmer ou d'apprendre à refuser?
(A) Aucun cours (C) Trois cours ou plus
(B) Un ou deux cours

98. Est-ce que votre école a un règlement interdisant de faire usage du tabac sur le terrain de l'école ou au cours des fêtes et manifestations scolaires?
(A) Oui (B) Non (C) Je ne sais pas

RENSEIGNEMENTS COMPLÉMENTAIRES

Y a-t-il autre chose que vous voudriez nous dire concernant les thèmes de ce sondage?

Si vous voulez de l'aide ou des renseignements concernant l'alcool, la drogue ou les jeux de hasard, vous pouvez téléphoner au bureau du Service de traitement des dépendances de votre région.

Merci d'avoir participé à ce sondage.

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SERIAL

APPENDIX 3

Student census & participation

Table 88 *Nova Scotia student census and participation rates, 2007*

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Health District 9					
Number of students based on DOE estimates	4579	4936	5211	4909	19635
Number of schools serving the grades in the sampling frame based on DOE	44	42	20	19	60
Number of selected schools with the grades in the sampling frame	7	7	11	11	18
Number of classes of each grade as reported by randomly selected schools	39	43	117	123	322
Number of randomly selected classes	14	14	22	22	72
Number of students on the class list of the randomly selected classes	382	370	590	601	1943
Number of students present on the day of the survey	335	319	495	479	1628
Number of students who participated in the survey	330	313	490	477	1610
Participation rate as % of students present on survey day	98.5	98.1	99	99.6	98.9
Participation rate as % of students enrolled in class	86.4	84.6	83.1	79.4	82.9
Valid sample of students	326	308	469	332	1435
Health Districts 1-2-3					
Number of students based on DOE estimates	2579	2709	2829	2499	10616
Number of schools serving the grades in the sampling frame based on DOE	39	31	28	27	51
Number of selected schools with the grades in the sampling frame	7	8	10	9	11
Number of classes of each grade as reported by randomly selected schools	26	32	53	53	164
Number of randomly selected classes	13	15	19	16	63
Number of students on the class list of the randomly selected classes	316	342	482	393	1533
Number of students present on the day of the survey	273	311	381	284	1249
Number of students who participated in the survey	264	308	378	280	1230
Participation rate as % of students present on survey day	96.7	99	99.2	98.6	98.5
Participation rate as % of students enrolled in class	83.5	90.1	78.4	71.2	80.4
Valid sample of students	261	301	359	273	1194
Health Districts 7-8*					
Number of students based on DOE estimates	1536	1670	1521	1456	6183
Number of schools serving the grades in the sampling frame based on DOE	20	20	13	12	25
Number of selected schools with the grades in the sampling frame	4	5	6	6	9
Number of classes of each grade as reported by randomly selected schools	19	26	42	60	147
Number of randomly selected classes	7	10	12	13	42
Number of students on the class list of the randomly selected classes	163	230	276	284	953
Number of students present on the day of the survey	148	194	226	217	785
Number of students who participated in the survey	141	194	221	216	772
Participation rate as % of students present on survey day	95.3	100	97.8	99.5	98.4
Participation rate as % of students enrolled in class	86.5	84.3	80.1	76.1	80.9
Valid sample of students	141	192	195	189	717

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Health Districts 4-5-6					
Number of students based on DOE estimates	1926	2121	2181	1881	8109
Number of schools serving the grades in the sampling frame based on DOE	25	24	16	16	31
Number of selected schools with the grades in the sampling frame	9	11	8	8	13
Number of classes of each grade as reported by randomly selected schools	28	51	84	88	251
Number of randomly selected classes	17	21	17	17	72
Number of students on the class list of the randomly selected classes	383	546	317	345	1591
Number of students present on the day of the survey	301	460	237	217	1215
Number of students who participated in the survey	277	452	236	213	1178
Participation rate as % of students present on survey day	92	98.3	99.6	98.2	97
Participation rate as % of students enrolled in class	72.3	82.8	74.4	61.7	73.4
Valid sample of students	276	446	222	196	1140
Overall totals*					
Number of students based on DOE estimates	10620	11436	11742	10745	44543
Number of schools serving the grades in the sampling frame based on DOE	128	117	77	74	167
Number of selected schools with the grades in the sampling frame	27	31	35	34	51
Number of classes of each grade as reported by randomly selected schools	112	152	296	324	884
Number of randomly selected classes	51	60	70	68	249
Number of students on the class list of the randomly selected classes	1244	1488	1665	1623	6020
Number of students present on the day of the survey	1057	1284	1339	1197	4877
Number of completed questionnaires	1012	1267	1325	1186	4790
Participation rate as % of students present on survey day	95.4	98.7	99	99	98.2
Participation rate as % of students enrolled in class	81	85.3	79.2	72.4	79.2
Valid sample of students	1004	1247	1245	990	4486

* Based on the NS Department of Education, a total of 47,644 students were enrolled in grades 7, 9, 10 and 12 in the province in 2007. On completion of data collection, the participation rate in the Strait School Board was found to be low necessitating the removal of that student population from the sampling frame. The 2007 NSSDUS is therefore representative of the 44,543 students attending school in the remaining six school boards of NS.

Table 89 *New Brunswick student census and participation rates, 2007*

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Health Region 1					
Number of students based on DOE estimates	2165	2456	2454	2176	9251
Number of schools serving the grades in the sampling frame based on DOE	38	14	14	14	52
Number of selected schools with the grades in the sampling frame	8	8	8	8	16
Number of classes of each grade as reported by randomly selected schools	40	78	82	64	264
Number of randomly selected classes	10	13	13	14	50
Number of students on the class list of the randomly selected classes	251	289	291	299	1130
Number of students present on the day of the survey	245	253	223	256	977
Number of students who participated in the survey	184	254	215	246	899
Participation rate as % of students present on survey day	75.1	100.0	96.4	96.1	93.1
Participation rate as % of students enrolled in class	73.3	87.9	73.9	82.3	79.8
Valid sample of students	183	248	195	196	822
Health Region 2					
Number of students based on DOE estimates	2255	2601	2323	2264	9443
Number of schools serving the grades in the sampling frame based on DOE	27	15	15	15	41
Number of selected schools with the grades in the sampling frame	7	8	8	8	14
Number of classes of each grade as reported by randomly selected schools	36	81	71	98	286
Number of randomly selected classes	9	14	10	12	45
Number of students on the class list of the randomly selected classes	238	368	244	316	1166
Number of students present on the day of the survey	208	321	210	279	1018
Number of students who participated in the survey	160	321	200	264	945
Participation rate as % of students present on survey day	76.9	100.0	95.2	94.6	92.9
Participation rate as % of students enrolled in class	67.2	87.2	82.0	83.5	81.1
Valid sample of students	154	314	183	200	851
Health Region 3					
Number of students based on DOE estimates	2127	2258	2150	2110	8645
Number of schools serving the grades in the sampling frame based on DOE	30	19	19	19	47
Number of selected schools with the grades in the sampling frame	8	8	8	8	14
Number of classes of each grade as reported by randomly selected schools	40	67	61	52	220
Number of randomly selected classes	9	12	11	13	45
Number of students on the class list of the randomly selected classes	211	299	302	288	1100
Number of students present on the day of the survey	194	269	273	241	977
Number of students who participated in the survey	142	268	269	236	915
Participation rate as % of students present on survey day	73.2	99.6	98.5	97.9	93.6
Participation rate as % of students enrolled in class	67.3	89.6	89.1	81.9	82.8
Valid sample of students	139	261	264	218	882

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Health Region 4					
Number of students based on DOE estimates	570	722	685	593	2570
Number of schools serving the grades in the sampling frame based on DOE	15	7	7	7	20
Number of selected schools with the grades in the sampling frame	7	6	5	6	11
Number of classes of each grade as reported by randomly selected schools	15	30	38	24	107
Number of randomly selected classes	12	13	13	15	53
Number of students on the class list of the randomly selected classes	300	314	276	326	1216
Number of students present on the day of the survey	274	283	252	266	1075
Number of students who participated in the survey	238	283	251	265	1037
Participation rate as % of students present on survey day	86.9	100.0	99.6	99.6	96.8
Participation rate as % of students enrolled in class	79.3	90.1	90.9	81.3	85.4
Valid sample of students	236	282	239	213	970
Health Region 5					
Number of students based on DOE estimates	369	432	434	399	1634
Number of schools serving the grades in the sampling frame based on DOE	9	4	4	4	12
Number of selected schools with the grades in the sampling frame	8	4	4	4	11
Number of classes of each grade as reported by randomly selected schools	15	18	20	16	70
Number of randomly selected classes	11	12	12	16	51
Number of students on the class list of the randomly selected classes	243	302	300	286	1131
Number of students present on the day of the survey	192	268	274	217	951
Number of completed questionnaires	168	265	270	209	912
Participation rate as % of students present on survey day	87.5	100	98.5	96.3	97.1
Participation rate as % of students enrolled in class	69.1	87.7	90.0	73.1	79.7
Valid sample of students	168	259	259	168	854
Health Region 6					
Number of students based on DOE estimates	925	1095	1092	1007	4119
Number of schools serving the grades in the sampling frame based on DOE	23	5	5	5	28
Number of selected schools with the grades in the sampling frame	6	5	5	5	11
Number of classes of each grade as reported by randomly selected schools	16	52	58	41	167
Number of randomly selected classes	15	12	13	14	54
Number of students on the class list of the randomly selected classes	323	277	302	307	1209
Number of students present on the day of the survey	280	253	268	267	1068
Number of completed questionnaires	233	251	262	267	1013
Participation rate as % of students present on survey day	95.1	99.2	97.8	100	100.0
Participation rate as % of students enrolled in class	72.1	90.6	86.8	89	84.1
Valid sample of students	232	246	246	225	949

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Health Region 7					
Number of students based on DOE estimates	489	572	644	664	2369
Number of schools serving the grades in the sampling frame based on DOE	12	8	8	8	18
Number of selected schools with the grades in the sampling frame	4	5	5	5	7
Number of classes of each grade as reported by randomly selected schools	10	23	23	25	81
Number of randomly selected classes	8	14	12	16	50
Number of students on the class list of the randomly selected classes	182	303	295	310	1090
Number of students present on the day of the survey	163	269	262	289	983
Number of completed questionnaires	134	266	250	283	933
Participation rate as % of students present on survey day	82.2	98.9	95.4	100	100
Participation rate as % of students enrolled in class	73.6	87.8	84.7	91.3	85.9
Valid sample of students	132	259	244	274	909
Overall totals					
Number of students based on DOE estimates	8900	10136	9782	9213	38031
Number of schools serving the grades in the sampling frame based on DOE	154	72	72	72	218
Number of selected schools with the grades in the sampling frame	48	44	43	44	84
Number of classes of each grade as reported by randomly selected schools	172	349	353	320	1194
Number of randomly selected classes	74	90	84	100	348
Number of students on the class list of the randomly selected classes	1748	2152	2010	2132	8042
Number of students present on the day of the survey	1556	1916	1762	1815	7049
Number of completed questionnaires	1259	1908	1717	1770	6654
Participation rate as % of students present on survey day	83.7	100	97.4	100	97.1
Participation rate as % of students enrolled in class	72.0	88.7	85.3	83.1	82.7
Valid sample of students	1244	1869	1630	1494	6237

Table 90 *Newfoundland & Labrador student census and participation rates, 2007*

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Health Region 1					
Number of students based on DOE estimates	2921	3124	3157	3029	12231
Number of schools serving the grades in the sampling frame based on DOE	51	48	40	38	
Number of selected schools with the grades in the sampling frame	7	7	7	9	20
Number of classes of each grade as reported by randomly selected schools	36	44	47	59	186
Number of randomly selected classes	14	14	13	18	59
Number of students on the class list of the randomly selected classes	367	399	348	374	1488
Number of students present on the day of the survey	326	335	286	296	1243
Number of students who participated in the survey	316	335	278	288	1217
Participation rate as % of students present on survey day	96.9	100	97.2	97.3	97.8
Participation rate as % of students enrolled in class	86.1	84	79.9	77	81.4
Valid sample of students	312	325	274	281	1192
Health Region 2					
Number of students based on DOE estimates	1035	1074	1038	1070	4217
Number of schools serving the grades in the sampling frame based on DOE	42	40	38	36	
Number of selected schools with the grades in the sampling frame	11	10	10	12	29
Number of classes of each grade as reported by randomly selected schools	19	21	15	22	77
Number of randomly selected classes	15	14	15	17	61
Number of students on the class list of the randomly selected classes	299	309	251	359	1218
Number of students present on the day of the survey	277	280	213	294	1064
Number of students who participated in the survey	256	271	213	291	1031
Participation rate as % of students present on survey day	92.4	96.8	100	100	98
Participation rate as % of students enrolled in class	85.6	87.7	84.9	81.1	84.6
Valid sample of students	255	268	199	287	1009
Health Region 3					
Number of students based on DOE estimates	787	917	786	663	3153
Number of schools serving the grades in the sampling frame based on DOE	30	27	23	21	
Number of selected schools with the grades in the sampling frame	13	7	12	13	28
Number of classes of each grade as reported by randomly selected schools	22	25	21	26	94
Number of randomly selected classes	16	14	15	20	65
Number of students on the class list of the randomly selected classes	256	344	317	402	1319
Number of students present on the day of the survey	232	292	252	349	1125
Number of students who participated in the survey	216	279	244	336	1075
Participation rate as % of students present on survey day	93.1	95.5	96.8	96.3	95.5
Participation rate as % of students enrolled in class	84.4	81.1	77	83.6	81.7
Valid sample of students	210	276	240	334	1060

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Health Region 4					
Number of students based on DOE estimates	248	559	601	450	1858
Number of schools serving the grades in the sampling frame based on DOE	29	30	28	28	
Number of selected schools with the grades in the sampling frame	12	13	13	12	25
Number of classes of each grade as reported by randomly selected schools	13	18	18	19	68
Number of randomly selected classes	13	15	15	16	59
Number of students on the class list of the randomly selected classes	135	181	180	267	763
Number of students present on the day of the survey	117	159	151	205	632
Number of students who participated in the survey	110	148	146	204	608
Participation rate as % of students present on survey day	96.5	93.1	96.7	99.5	96.5
Participation rate as % of students enrolled in class	81.5	81.8	81.1	76.4	80.1
Valid sample of students	110	142	139	196	587
Overall totals					
Number of students based on DOE estimates	4991	5674	5582	5212	21459
Number of schools serving the grades in the sampling frame based on DOE	152	145	129	123	
Number of selected schools with the grades in the sampling frame	43	37	42	46	102
Number of classes of each grade as reported by randomly selected schools	90	108	101	126	425
Number of randomly selected classes	59	61	65	59	244
Number of students on the class list of the randomly selected classes	1057	1233	1096	1402	4788
Number of students present on the day of the survey	952	1066	902	1144	4064
Number of completed questionnaires	898	1033	881	1119	3931
Participation rate as % of students present on survey day	94.6	96.3	97.7	98.7	96.9
Participation rate as % of students enrolled in class	84.5	83.6	80.7	79.7	82
Valid sample of students	887	1011	852	1098	3848

Table 91 *Prince Edward Island student census and participation rates, 2007*

	Grade 7	Grade 9	Grade 10	Grade 12	Totals
Overall totals					
Number of students based on DOE estimates	1751	1945	2085	1872	7653
Number of schools serving the grades in the sampling frame based on DOE					
Number of selected schools with the grades in the sampling frame					
Number of classes of each grade as reported by randomly selected schools	87	83	77	71	318
Number of randomly selected classes	35	36	43	47	161
Number of students on the class list of the randomly selected classes	888	854	1112	1105	3959
Number of students present on the day of the survey	825	757	949	908	3439
Number of students who participated in the survey	618	751	940	881	3190
Participation rate as % of students present on survey day	74.9	99.2	99.1	97	93.2
Participation rate as % of students enrolled in class	69.6	87.9	84.5	79.7	80.6
Valid sample of students	609	718	860	787	2974

APPENDIX 4

Publications of the 2002
Student Drug Use Survey in the Atlantic Provinces

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